

**CORRELATIONS OF COURSE CODES
AND
ENDORSEMENT CODES**

2007-2008 SCHOOL YEAR

TABLE OF CONTENTS

	Page
General Instructions.....	4
 Elementary Grades PK-8	
Administration.....	8
Specialized Assignments.....	9
Title I Classes.....	10
Self-Contained Multi-age Classes.....	11
Multiage Alternative School/Program.....	16
Pre-Kindergarten	17
Kindergarten	17
First Grade	19
Second Grade.....	21
Third Grade.....	23
Fourth Grade	25
Fifth Grade	27
Sixth Grade	29
Seventh Grade	32
Eighth Grade	36
 Special Education	40
 Secondary Grades 9-12	
Administration	45
Specialized Assignments	46
Language Arts	48
Fine Arts	52
Mathematics	55
Computer Technology	58
Science	60
Social Studies	65
Health and P.E.....	67
Business Technology Education.....	68

Career and Technical Education Grades 7-12

Business Technology Education.....	71
Technology Engineering Education.....	73
Agricultural Education	81
Trade and Industrial.....	85
Health Science and Technology	96
Family and Consumer Sciences Education.....	97
Family and Consumer Sciences Occupational Education	99
Marketing Education	100

Online Courses Grades 9-12

Language Arts	102
Fine Arts	103
Mathematics	104
Computer Technology	105
Science	106
Social Studies.....	107
Health and Physical Education.....	108
Trade and Industrial	109

**Correlations of Course Codes and Endorsement Codes/Employment Standards
for the 2007-2008 School Year**

GENERAL INSTRUCTIONS

1. These correlations of course codes and endorsement codes/employment standards are used in the reporting of teacher, student and class information.

PLEASE USE THIS GUIDE TO COMPLETE THE 2007-2008 TEACHER, STUDENT AND CLASS INFORMATION AND DESTROY ANY OLD CORRELATIONS. PLEASE CHECK COMPUTER SOFTWARE TO ENSURE YOU HAVE REMOVED OR CHANGED COURSE CODES TO REFLECT ONLY CURRENT CODES. PLEASE REFER TO YOUR SPECIFIC SOFTWARE INSTRUCTIONS WHEN ELECTRONICALLY SCHEDULING STUDENTS.

2. Any endorsements listed in a series with only a comma between the numbers will be interpreted that any of the endorsements may be used to teach that course [i.e. Seventh Grade Language Arts 001, 101, 400, 401, 402, 007, 407 would mean elementary grades 1-9 (001) or elementary grades 1-8 (101) or middle grades 5-8 (400) or middle grades specialist 1-8 (401) or early grades specialist K-8 (402) or English (007, 407) could be used.]
3. Any endorsements listed in parentheses with and between the two endorsement codes will be interpreted that the teacher must be endorsed in both areas to teach the course.
4. **Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.**

5. Courses in <i>bold italic print within a double lined box</i> are Career and Technical funded courses.
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6. CTE Column indicates the Career and Technical Education Program Classification, i.e. Agriculture A10, Health Science and Technology HS and Technology Preparation TP.
7. The “self-contained” codes included under each grade level are to be used by systems which do not schedule individual subjects at the specific grade level.
8. The “subject” codes included under each grade level are to be used by systems which schedule individual subjects for a self-contained teacher at the specific grade level or for departmentalized schedules.
9. The art, music and physical education codes are for self-contained schedules, major portion of the day schedules or minor portion of the day schedules.

10. Teachers in grades K through 6 who teach art, music, physical education or computer technology to only the students in their self-contained class should be scheduled using the art, music, physical education or computer technology self-contained codes for the respective grade levels taught.
11. Teachers in grades K through 8 who teach art, music or physical education the major portion of the day should be scheduled using the art (major portion), music (major portion), or physical education (major portion) codes for the respective grade levels taught. The major portion of the day is defined as more than three hours of instruction in the specific instructional area. More than six 30 minute classes or more than four 45 minute classes would be considered the major portion of the day.
12. Teachers in grades K through 8 who teach art, music or physical education less than the major portion of the day should be scheduled using the art (minor portion), music (minor portion) or physical education (minor portion) codes for the respective grade levels taught. The minor portion of the day is defined as three or less hours of instruction in the specific instructional area. Six or less 30 minute classes or four or less 45 minute classes would be considered the minor portion of the day.
13. Teachers in grades K through 8 who teach computer skills in a computer lab or in multiple class periods should be scheduled using the computer technology (instructor) code for the respective grade levels taught.
14. A person holding an Apprentice or Professional License may not cross over and teach any sections of a course requiring an endorsement included on an Apprentice Occupational, Professional Occupational or Trade Shop License except where noted with regard to selected Trade and Industrial Education Courses.
15. A person holding an Apprentice Occupational, Professional Occupational or Trade Shop License may not cross over and teach any sections of a course requiring an endorsement included on an Apprentice or Professional License.
16. Trade and Industrial education courses requiring industry certification may not be taught as one outside the teacher's area of endorsement unless they hold the appropriate industry certification.
17. A person holding a permit may teach only subjects for which an appropriate endorsement(s) is listed on the permit. One cannot have a waiver issued on a permit nor teach one or two sections of the same course outside the area(s) of endorsement on a permit.
18. A person may not teach any of the Technology Preparation courses on a waiver, on a permit or as one or two sections outside the area of endorsement.
19. Secondary endorsements are the Grades 7-12 secondary endorsement codes listed on the Apprentice and Professional Licenses.

20. A teacher with a license endorsed in a subject for Grades 7-12 may teach any subject in Grade 6 covered by the endorsement(s).
21. Career and Technical endorsements are the Career and Technical endorsement codes listed on the Apprentice, Professional, Apprentice Occupational, Professional Occupational and Trade Shop Licenses.
22. Elementary pull-out classes, i.e. Art (major or minor portion), Music (major or minor portion), Physical Education (major or minor portion) and Computer Technology (Instructor), where the class moves as one unit, must be scheduled.
23. Multi-age Middle Grades Exploratory codes are to be used only for exploratory areas for which a course code is not listed in the Correlations of Course Codes and Endorsements Codes. Multi-age Middle Grades Exploratory codes would not be used to schedule art, music, P.E., computer, creative dramatics, foreign language, etc.
24. I.B. Diploma Program - The International Baccalaureate (I.B.) Diploma Program prepares students for university work and for world citizenship. It is designed for pre-university students in their last two years of high school. Students study courses in six subject areas: their native language, an additional language, history, science, mathematics, and arts/electives. Approval to offer an International Baccalaureate Diploma Program is determined through an application process and on site review. The I.B. course codes are to be used by those approved schools. Please contact the division of curriculum and instruction regarding the I.B. course codes.
25. Tennessee Code Annotated, section 49-6-3401 (b) (1). Suspension of students-expulsion of students.

This section of the law states any principal, principal-teacher or assistant principal may suspend any pupil from attendance at a specific class, classes or school-sponsored activity without suspending such pupil from attendance at school pursuant to an in-school suspension policy adopted by the local board of education. This section also states in-school suspension policies shall provide that pupils given an in-school suspension in excess of one day from classes shall attend either special classes attended only by students guilty of misconduct or be placed in an isolated area appropriate for study.

In accordance with this section, it shall be the policy of the department of education that local school systems may place students in in-school suspension with a licensed teacher or with a non-licensed person (i.e. educational assistant) who is in close proximity to a licensed teacher.

This policy applies to the short-term in-school suspension program that is separate from the alternative school/program in school systems. It does not apply to in-school suspension programs combined with the alternative school/program.

If a student is receiving special education services, the system must ensure that the IEP is being implemented in the ISS setting.

26. A list of endorsement codes and titles is included in the document.
27. Questions concerning Employment Standards or Course Codes should be addressed to the Office of School Approval.
28. H.Q. identifies the courses where a teacher is required to be highly qualified in order to teach course .
29. Please note change in identifying footnotes and the course codes to which they apply. They will be identified by a number instead of an asterisk and will be found directly beneath the course code(s) to which footnote applies.
30. Pre-kindergarten course codes are to be used as follows: If more than 50% of students are special education students, use the special education pre-kindergarten course code. If less than 50% of students are special education students, use regular pre-kindergarten course code.
31. All Cooperative Methodology courses are now referred to as work based learning.
32. Specialty groups (guidance counselors, social workers, librarians, etc.) may work with the pre-kindergarten classrooms even though the endorsement area does not cover grade Pre-K. The Pre-K students will not be counted in the ADM number for student capacity since Pre-K students are not counted for ADA/ADM.
33. No permit or waiver will be issued for Gateway courses.

ELEMENTARY GRADES PK-8

<u>SUBJECT</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
ELEMENTARY PRINCIPAL			
Office & Administration (School with Grades PRE-K-3 and 225 or more students)	Adm	9503	091, 109, 480, 481, 482, 483
Office & Administration (School with Grades K-8 and 225 or more students)	Adm	9501	091, 109, 480, 481, 482, 483
Office & Administration (School with PRE-K Program with Grades K-8 and 225 or more students)	Adm	9502	091, 109, 480, 481, 482, 483
Office and Administration (School with Grades 6, 7 & 8 and 225 or more students)	Adm	9508	091, 092, 109, 110, 480, 481, 482, 483
Office and Administration (School with PRE-K Program with Grades 6, 7, & 8 and 225 or more students)	Adm	9509	091, 092, 109, 110, 480, 481, 482, 483
Office & Administration (School with Grades K-8 and 224 or less students)	Adm	9521	091, 092, 109, 110, 480, 481, 482, 483 or any elementary endorsement
Office & Administration (School with Grades PRE-K-3 and 224 or less students)	Adm	9504	091, 109, 480, 481, 482, 483 or any early childhood or elementary endorsement
Office & Administration (School with PRE-K Program with Grades K-8 and 224 or less students)	Adm	9522	091, 109, 480, 481, 482, 483 or any elementary endorsement
Office & Administration (School with Grades 6, 7 & 8 and 224 or less students)	Adm	9528	091, 092, 109, 110, 480, 481, 482, 483 or any elementary or secondary endorsement
Office & Administration (School with PRE-K Program with Grades 6, 7, & 8 and 224 or less students)	Adm	9529	091, 092, 109, 110, 480, 481, 482, 483 or any elementary or secondary endorsement
ASSISTANT PRINCIPAL			
Office & Administration (Grades PRE-K-3)	Adm	9505	091, 109, 480, 481, 482, 483 or any early childhood or elementary endorsement
Office & Administration (Grades K-8)	Adm	9510	091, 109, 480, 481, 482, 483 or any elementary endorsement
Office & Administration (School with PRE-K Program with Grades K-8)	Adm	9511	091, 109, 480, 481, 482, 483 or any elementary endorsement
Office and Administration (Grades 6, 7 & 8)	Adm	9518	091, 092, 109, 110, 480, 481, 482, 483 or any elementary or secondary endorsement
Office and Administration (School with PRE-K Program with Grades 6, 7, & 8)	Adm	9519	091, 092, 109, 110, 480, 481, 482, 483 or any elementary or secondary endorsement

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SPECIALIZED ASSIGNMENTS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Librarian/Media Specialist (400 or more students)	Lib/Med Sp	9601	073, 473
Librarian/Media Specialist (399 or less students)	Lib/Med Sp	9641	Any early childhood, elementary, K-12 endorsement
School Counselor (Grades 6, 7 & 8)	Guidance	9602	086, 087, 487
School Counselor (Grades K-8)	Guidance	9603	086, 487
Playground or Cafeteria	Play Cafe	9604	N/A
Study Hall	St Hall	9605	N/A
Planning Time	Pltime	9609	N/A
Activity Period	Act Per	9610	N/A
Consulting Teacher/Instructional Facilitator (K-3)	CTK3	9631	Any early childhood endorsement
Consulting Teacher/Instructional Facilitator(K-8)	CTK8	9632	Any elementary endorsement
Consulting Teacher/Instructional Facilitator (Grades 6, 7 & 8)	CT68	9633	Any elementary or secondary endorsement

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<u>Subject</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Title I Reading (Grades K-6)	Title I RK6	9621	002, 402, 403, 497, 001, 075, 101, 401, 486, 499, 440
<u>HQ</u> - Title I Reading (Grades K-8)	Title I RK8	9614	001, 075, 101, 401, 402, 486, 499, 440
<u>HQ</u> - Title I Reading (Grades 6, 7 & 8)	Title I R678	9625	001, 075, 076, 101, 401, 402, 007, 407, 486, 499, 440
<u>HQ</u> - Title I Math (Grades K-6)	Title I MK6	9622	002, 402, 403, 497, 001, 101, 401, 486, 499, 440
<u>HQ</u> - Title I Math (Grades K-8)	Title I MK8	9615	001, 101, 401, 402, 499, 440
<u>HQ</u> - Title I Math (Grades 6, 7 & 8)	Title I M678	9626	001, 101, 401, 402, 013, 413, 499, 440
<u>HQ</u> - Title I Language Arts (Grades K-6)	Title I LAK6	9623	002, 402, 403, 497, 001, 075, 101, 401, 499, 440
<u>HQ</u> - Title I Language Arts (Grades K-8)	Title I LAK8	9616	001, 075, 101, 401, 402, 499, 440
<u>HQ</u> - Title I Language Arts (Grades 6, 7 & 8)	Title I LA678	9627	001, 075, 076, 101, 401, 402, 007, 407, 499, 440
<u>HQ</u> - Title I Reading/Language Arts/Math (Grades K-6)	Title I G K-6	9635	002, 402, 403, 497, 001, 101, 401, 486, 499, 440
<u>HQ</u> - Title I Reading/Language Arts/Math (Grades K-8)	Title I G K-8	9636	001, 101, 401, 402, 486, 499, 440
<u>HQ</u> - Title I Reading/Language Arts/Math (Grades 6,7,8)	Title I G 6,7,8	9637	001, 101, 401, 402, 486, 499, 440
Athletic Coaching	At Co	9617	N/A
<u>HQ</u> -English as Second Language	ESL - Elem	9619	301, 490
Homeroom	HRM	9685	N/A

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<u>SELF-CONTAINED MULTIAGE CLASSES</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained Multiage K-1	SCMK1	0911	(1)
(1) <i>Teachers having both Kindergarten and Grade 1 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Kindergarten students, the teacher should have endorsement 002, 402, 403 or 497. If the majority of the students in the class are Grade 1 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403 or 497, 499.</i>			
<u>HQ</u> - Self-Contained Multiage 1-2	SCM12	0912	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Self-Contained Multiage 2-3	SCM23	0913	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Self-Contained Multiage 3-4	SCM34	0914	(2)
(2) <i>Teachers having both Grade 3 and Grade 4 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Grade 3 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403 or 497, 499. If the majority of the students in the class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499, 440.</i>			
<u>HQ</u> - Self-Contained Multiage 4-5	SCM45	0915	(3)
(3) <i>Teachers having both Grade 4 and Grade 5 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499. If the majority of the students in the class are Grade 5 students, the teacher should have endorsement 001, 101, 400, 401 or 402, 499, 440.</i>			
<u>HQ</u> - Self-Contained Multiage 5-6	SCM56	0916	001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Self-Contained Multiage 6-7	SCM67	0917	001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Self-Contained Multiage 7-8	SCM78	0918	001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Self-Contained Multiage K-1-2	SCMK12	0919	(4)
(4) <i>Teachers having Kindergarten, Grade 1 and Grade 2 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Kindergarten students, the teacher should have endorsement 002, 402, 403 or 497, 499, 468. If the majority of the students in the class are Grade 1 and Grade 2 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403 or 497, 499, 467.</i>			
<u>HQ</u> - Self-Contained Multiage 1-2-3	SCM123	0920	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Self-Contained Multiage 2-3-4	SCM234	0921	(5)
(5) <i>Teachers having Grade 2, Grade 3 and Grade 4 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Grade 2 and Grade 3 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403 or 497, 499, 467. If the majority of the students in the class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499, 440.</i>			

CTE - Career and Technical Education Program Classification

<u>SELF-CONTAINED MULTIAGE CLASSES</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
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<u>HQ</u> - Self-Contained Multiage 3-4-5	SCM345	0922	(1)
(1) <i>Teachers having Grade 3, Grade 4 and Grade 5 students should have the appropriate endorsements for the majority of the students served. If the majority of the students in the multiage class are Grade 3 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403, 497, 499, 467, 440. If the majority of the students in the class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499. If the majority of the students in the class are Grade 5 students, the teacher should have endorsement 001, 101, 400, 401, 402, 499, 440.</i>			
<u>HQ</u> - Self-Contained Multiage 4-5-6	SCM456	0923	(2)
(2) <i>Teachers having Grade 4, Grade 5 and Grade 6 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499, 440. If the majority of the students in the multiage class are Grade 5 and Grade 6 students, the teacher should have endorsement 001, 101, 400, 401, or 402, 499, 440.</i>			
<u>HQ</u> - Self-Contained Multiage 5-6-7	SCM567	0924	001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Self-Contained Multiage 6-7-8	SCM678	0925	001, 101, 400, 401, 402, 499, 440

TEACHERS IN GRADES K THROUGH 8 WHO TEACH PULL-OUT CLASSES IN ART (MAJOR OR MINOR PORTION), MUSIC (MAJOR OR MINOR PORTION), PHYSICAL EDUCATION (MAJOR OR MINOR PORTION) AND COMPUTER TECHNOLOGY (INSTRUCTOR) FROM THE SELF-CONTAINED MULTIAGE CLASSES SHOULD USE THE SELF-CONTAINED MULTIAGE CLASS CODE FOR THE RESPECTIVE CLASSES AND GRADE LEVELS TAUGHT.

CTE -- Career and Technical Education Program Classification

<u>SELF-CONTAINED MULTIAGE ART</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</u>
<u>HQ</u> - Self-Contained Multiage Art (Major Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCMA	0930	027, 427
<u>HQ</u> – Self-Contained Multiage Art (Minor Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCMA	0956	001, 002, 101, 401, 402, 403, 497, 027, 427, 499, 440
<u>HQ</u> - Self-Contained Multiage Art (Major Portion) Grades 4-5, 5-6, 6-7, 4-5-6, 5-6-7, 6-7-8	SCMA	0940	027, 427
<u>HQ</u> – Self-Contained Multiage Art (Minor Portion) Grades 4-5, 5-6, 4-5-6, 5-6-7, 6-7-8	SCMA	0966	001, 101, 400, 401, 402, 027, 427, 499, 440
<u>HQ</u> - Self-Contained Multiage Art (Major Portion) Grades 7-8	SCMA	0950	027, 427
<u>HQ</u> – Self-Contained Multiage Art (Minor Portion) Grades 7-8	SCMA	0976	001, 101, 400, 401, 402, 027, 427, 499, 440
<u>SELF-CONTAINED MULTIAGE MUSIC</u>			
<u>HQ</u> - Self-Contained Multiage Music (Major Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCMM	0931	028, 029, 240, 241, 428, 429
<u>HQ</u> – Self-Contained Multiage Music (Minor Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCMM	0957	001, 002, 101, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 440
<u>HQ</u> - Self-Contained Multiage Music (Major Portion) Grades 4-5, 5-6, 6-7, 4-5-6, 5-6-7, 6-7-8	SCMM	0941	028, 029, 240, 241, 428, 429

CTE -- Career and Technical Education Program Classification

<u>SELF-CONTAINED MULTIAGE MUSIC</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</u>
<u>HQ</u> – Self-Contained Multiage Music (Minor Portion) Grades 4-5, 5-6, 6-7, 4-5-6, 5-6-7, 6-7-8	SCMM	0967	001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440
<u>HQ</u> – Self-Contained Multiage Music (Major Portion) Grades 7-8	SCMM	0951	028, 029, 240, 241, 428, 429
<u>HQ</u> – Self-Contained Multiage Music (Minor Portion) Grades 7-8	SCMM	0977	001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440
<u>SELF-CONTAINED MULTIAGE P.E.</u>			
Self-Contained Multiage Physical Education (Major Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCMPE	0932	019, 071, 221, 420
Self-Contained Multiage Physical Education (Minor Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCMPE	0958	001, 002, 101, 401, 402, 403, 497, 019, 071, 221, 420, 499
Self-Contained Multiage Physical Education (Major Portion) Grades 4-5, 5-6, 4-5-6, 5-6-7	SCMPE	0942	019, 071, 221, 420
Self-Contained Multiage Physical Education (Minor Portion) Grades 4-5, 5-6, 4-5-6, 5-6-7	SCMPE	0968	001, 101, 400, 401, 402, 019, 071, 221, 420, 499, 440
Self-Contained Multiage Physical Education (Major Portion) Grades 6-7, 6-7-8	SCMPE	0954	019, 071, 072, 221, 420
Self-Contained Multiage Physical Education (Minor Portion) Grades 6-7, 6-7-8	SCMPE	0988	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 499, 440

CTE -- Career and Technical Education Program Classification

<u>SELF-CONTAINED MULTIAGE P.E.</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</u>
Self-Contained Multiage Physical Education (Major Portion) Grades 7-8	SCMPE	0952	019, 071, 072, 221, 420
Self-Contained Multiage Physical Education (Minor Portion) Grades 7-8	SCMPE	0978	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 499, 440
<u>SELF CONTAINED MULTIAGE COMPUTER</u>			
Self-Contained Multiage Computer Literacy (Instructor) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCMC	0933	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background/training in computer skills
Self-Contained Multiage Computer Literacy (Instructor) Grades 4-5, 5-6, 6-7, 4-5-6, 5-6-7, 6-7-8	SCMCI	0943	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background/training in computer skills
Self-Contained Multiage Computer Literacy (Instructor) Grades 7-8	SCMCT	0953	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background/training in computer skills
<u>SELF-CONTAINED MULTIAGE FOREIGN LANGUAGE</u>			
Self-Contained Multiage Foreign Language Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCSMFL	0935	001, 002, 101, 301, 401, 402, 403, 497, 004, 006, 009, 010, 011, 012, 404, 406, 409, 410, 411, 412, 490, 491, 492, 493, 494, 495, 496, 499
Self-Contained Multiage Foreign Language Grades 4-5, 5-6, 6-7, 4-5-6, 5-6-7, 6-7-8	SCMFL	0945	001, 101, 301, 400, 401, 402, 004, 006, 009, 010, 011, 012, 404, 406, 409, 410, 411, 412, 490, 491, 492, 493, 494, 495, 496, 499, 440
<u>HQ</u> - Self-Contained Multiage Foreign Language Grades 7-8	SCMFL	0955	001, 101, 301, 400, 401, 402, 004, 006, 009, 010, 011, 012, 404, 406, 409, 410, 411, 412, 490, 491, 492, 493, 494, 495, 496, 499, 440

CTE -- Career and Technical Education Program Classification

MULTIAGE ALTERNATIVE SCHOOL/PROGRAM

Alternative School/Program (Grades K-8)	Alt S/P	9690	Any early childhood, elementary, secondary, Career and Technical , or K-12 endorsement
Alternative School/Program (Grades 6, 7 & 8)	Alt S/P	9695	Any early childhood, elementary, secondary, Career and Technical , or K-12 endorsement
Alternative School/Program (Grades 9-12)	Alt S/P	9390	Any early childhood, elementary, secondary, Career and Technical , or K-12 endorsement

CTE -- Career and Technical Education Program Classification

PRE-KINDERGARTEN	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Self-Contained P-3, P-4 - (Multiage)	SC	0002	403, 465, 467, 468, 459, 497
Pre-School P-3 - (3 year olds only)	P3	2223	403, 465, 467, 468, 459, 497
Pre-School P-4 - (4 year olds only)	P4	2224	403, 465, 467, 468, 459, 497
Pre-Kindergarten Art	Pre-K Art	2220	027, 427
Pre-Kindergarten P.E.	Pre-K P.E.	2221	019, 071, 221, 420
Pre-Kindergarten Music	Pre-K-Music	2222	028, 029, 240, 241, 428, 429, 459
USE THE ABOVE PRE-KINDERGARTEN COURSE CODES WHEN LESS THAN 50% OF STUDENTS ARE OPTION 7, 8, 9.			

NOTE: *Specialty groups (guidance counselors, social workers, librarians, etc.) may work with the pre-kindergarten classrooms even though the endorsement area does not cover grade Pre-K. The Pre-K students will not be counted in the ADM number for student capacity since Pre-K students are not counted for ADA/ADM.*

KINDERGARTEN	<u>Abbreviation/Code</u>		<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained	SC	0003	002, 402, 403, 497, 499, 467, 468

Subject Codes for Self-Contained/Departmentalized Schedules

<u>HQ</u> - Language Arts	Lng Arts	0001	002, 402, 403, 497, 499, 467, 468
Spanish	Span	0060	002, 402, 403, 497, 301, 490, 495, 001, 009, 101, 401, 409, 499, 467, 468
Latin	Latin	0061	002, 402, 403, 497, 301, 490, 493, 001, 010, 101, 401, 410, 499, 467, 468
French	French	0062	002, 402, 403, 497, 301, 490, 491, 001, 011, 101, 401, 411, 499, 467, 468
German	German	0063	002, 402, 403, 497, 301, 490, 492, 001, 012, 101, 401, 412, 499, 467, 468
Russian	Russian	0064	002, 402, 403, 497, 301, 490, 494, 001, 006, 101, 401, 406, 499, 467, 468
Japanese	Japanese	0065	002, 402, 403, 497, 301, 490, 496, 001, 004, 101, 401, 404, 499, 467, 468
<u>HQ</u> - Mathematics	Math	0006	002, 402, 403, 497, 499, 467, 468
<u>HQ</u> - Science	Sci	0007	002, 402, 403, 497, 499, 467, 468
Health/Safety	Health	0011	002, 402, 403, 497, 019, 020, 099, 220, 419, 499, 467, 468
<u>HQ</u> - Social Studies	So Stu	0019	002, 402, 403, 497, 499, 467, 468
Creative Dramatics	Creat Dra	0050	002, 402, 403, 497, 499, 001, 101, 401, 467, 468, 405 (1)
(1) <i>Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.</i>			
Dance	Dan	0051	445, Any early childhood, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0055	002, 402, 403, 497, 075, 486, 499, 467, 468
<u>HQ</u> - Spelling	Spelling	0056	002, 402, 403, 497, 499, 467, 468
<u>HQ</u> - Writing	Writing	0057	002, 402, 403, 497, 499, 467, 468

CTE -- Career and Technical Education Program Classification

<u>Physical Education, Art, Music and Computer Schedules</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education (Self-Contained)	P.E. Sc	0009	002, 402, 403, 497, 019, 071, 221, 420, 499, 467, 468
Physical Education (Major Portion)	P.E. Major	0052	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0058	002, 402, 403, 497, 019, 071, 221, 420, 499, 467, 468
Art (Self-Contained)	Art SC	0025	002, 402, 403, 497, 027, 427, 499, 467, 468
<u>HQ</u> - Art (Major Portion)	Art Major	0053	027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0059	002, 402, 403, 497, 027, 427, 499, 467, 468
Music (Self-Contained)	Mus SC	0029	002, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467, 468
<u>HQ</u> - Music (Major Portion)	Mus Major	0054	028, 029, 240, 241, 428, 429
<u>HQ</u> – Music (Minor Portion)	Mus Minor	0066	002, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467, 468
Computer Literacy (Self Contained)	Comp Tech SC	0045	002, 402, 403, 497, 499, 467, 468
Computer Literacy (Instructor)	Comp Tech In	0046	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.

CTE -- Career and Technical Education Program Classification

FIRST GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained	SC	0100	001, 002, 101, 401, 402, 403, 497, 499, 467
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ</u> - Language Arts	Lng Arts	0101	001, 002, 101, 401, 402, 403, 497, 499, 467
Spanish	Span	0102	001, 002, 101, 401, 402, 403, 497, 301, 490, 495, 009, 409, 499, 467
Latin	Latin	0103	001, 002, 101, 401, 402, 403, 497, 301, 490, 493, 010, 410, 499, 467
French	French	0104	001, 002, 101, 401, 402, 403, 497, 301, 490, 491, 011, 411, 499, 467
German	German	0105	001, 002, 101, 401, 402, 403, 497, 301, 490, 492, 012, 412, 499, 467
Russian	Russian	0164	001, 002, 101, 401, 402, 403, 497, 301, 490, 494, 006, 406, 499, 467
Japanese	Japanese	0165	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467
<u>HQ</u> - Mathematics	Math	0106	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Science	Sci	0107	001, 002, 101, 401, 402, 403, 497, 499, 467
Health/Safety	Health	0111	001, 002, 101, 401, 402, 403, 497, 019, 020, 099, 220, 419, 499, 467
<u>HQ</u> - Social Studies	So Stu	0119	001, 002, 101, 401, 402, 403, 497, 499, 467
Creative Dramatics	Creat Dra	0150	001, 002, 101, 401, 402, 403, 497, 499, 467, 405 (1)
<i>(1) Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.</i>			
Dance	Dan	0151	445, Any early childhood, elementary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0155	001, 002, 101, 401, 402, 403, 497, 075, 486, 499, 467
<u>HQ</u> - Spelling	Spelling	0156	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Writing	Writing	0157	001, 002, 101, 401, 402, 403, 497, 499, 467

CTE -- Career and Technical Education Program Classification

<u>Physical Education, Art, Music and Computer Schedules</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education/Safety (Self-Contained)	P.E. SC	0109	001, 002, 101, 401, 402, 403, 497, 019, 071, 221, 420, 499, 467
Physical Education (Major Portion)	P.E. Major	0152	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0158	001, 002, 101, 401, 402, 403, 497, 019, 071, 221, 420, 499, 467
Art (Self-Contained)	Art SC	0125	001, 002, 101, 401, 402, 403, 497, 027, 427, 499, 467
<u>HQ</u> – Art (Major Portion)	Art Major	0153	027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0159	001, 002, 101, 401, 402, 403, 497, 027, 427, 499, 467
Music (Self-Contained)	Mus SC	0129	001, 002, 101, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467
<u>HQ</u> – Music (Major Portion)	Mus Major	0154	028, 029, 240, 241, 428, 429
<u>HQ</u> - Music (Minor Portion)	Mus Minor	0160	001, 002, 101, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467
Computer Literacy (Self-Contained)	ComTech SC	0145	001, 002, 101, 401, 402, 403, 497, 499, 467
Computer Literacy (Instructor)	Comp Tech In	0146	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.

CTE -- Career and Technical Education Program Classification

SECOND GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained	SC	0200	001, 002, 101, 401, 402, 403, 497, 499, 467
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ</u> - Language Arts	Lng Arts	0201	001, 002, 101, 401, 402, 403, 497, 499, 467
Spanish	Span	0202	001, 002, 101, 401, 402, 403, 497, 301, 490, 495, 009, 409, 499, 467
Latin	Latin	0203	001, 002, 101, 401, 402, 403, 497, 301, 490, 493, 010, 410, 499, 467
French	French	0204	001, 002, 101, 401, 402, 403, 497, 301, 490, 491, 011, 411, 499, 467
German	German	0205	001, 002, 101, 401, 402, 403, 497, 301, 490, 492, 012, 412, 499, 467
Russian	Russian	0264	001, 002, 101, 401, 402, 403, 497, 301, 490, 494, 006, 406, 499, 467
Japanese	Japanese	0265	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467
<u>HQ</u> - Mathematics	Math	0206	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Science	Sci	0207	001, 002, 101, 401, 402, 403, 497, 499, 467
Health/Safety	Health	0211	001, 002, 101, 401, 402, 403, 497, 019, 020, 099, 220, 419, 499, 467
<u>HQ</u> - Social Studies	So Stu	0219	001, 002, 101, 401, 402, 403, 497, 499, 467
Creative Dramatics	Creat Dra	0250	001, 002, 101, 401, 402, 403, 497, 499, 467, 405 (1)
<i>(1) Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.</i>			
Dance	Dan	0251	445, Any early childhood, elementary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0255	001, 002, 101, 401, 402, 403, 497, 075, 486, 499, 467
<u>HQ</u> - Spelling	Spelling	0256	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Writing	Writing	0257	001, 002, 101, 401, 402, 403, 497, 499, 467

CTE -- Career and Technical Education Program Classification

<u>Physical Education, Art, Music and Computer Schedules</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education(Self-Contained)	P.E. SC	0209	001, 002, 101, 401, 402, 403, 497, 019, 071, 221, 420, 499, 467
Physical Education(Major Portion)	P.E. Maj	0252	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Min	0258	001, 002, 101, 401, 402, 403, 497, 019, 071, 221, 420, 499, 467
Art (Self-Contained)	Art SC	0225	001, 002, 101, 401, 402, 403, 497, 027, 427, 499, 467
<u>HQ</u> - Art (Major Portion)	Art Major	0253	027, 427
<u>HQ</u> - Art (Minor Portion)	Art Minor	0259	001, 002, 101, 401, 402, 403, 497, 027, 427, 499, 467
Music (Self-Contained)	Mus SC	0229	001, 002, 101, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467
<u>HQ</u> - Music (Major Portion)	Mus Major	0254	028, 029, 240, 241, 428, 429
<u>HQ</u> – Music (Minor Portion)	Mus Minor	0260	001, 002, 101, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467
Computer Literacy (Self-Contained)	ComTech Sc	0245	001, 002, 101, 401, 402, 403, 497, 499, 467
Computer Literacy (Instructor)	Comp Tech In	0246	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.

CTE -- Career and Technical Education Program Classification

THIRD GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained	SC	0300	001, 002, 101, 401, 402, 403, 497, 499, 467
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ</u> - Language Arts	Lng Arts	0301	001, 002, 101, 401, 402, 403, 497, 499, 467
Spanish	Span	0302	001, 002, 101, 401, 402, 403, 497, 301, 490, 495, 009, 409, 499, 467
Latin	Latin	0303	001, 002, 101, 401, 402, 403, 497, 301, 490, 493, 010, 410, 499, 467
French	French	0304	001, 002, 101, 401, 402, 403, 497, 301, 490, 491, 011, 411, 499, 467
German	German	0305	001, 002, 101, 401, 402, 403, 497, 301, 490, 492, 012, 412, 499, 467
Russian	Russian	0364	001, 002, 101, 401, 402, 403, 497, 301, 490, 494, 006, 406, 499, 467
Japanese	Japanese	0365	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467
<u>HQ</u> - Mathematics	Math	0306	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Science	Sci	0307	001, 002, 101, 401, 402, 403, 497, 499, 467
Health/Safety	Health	0311	001, 002, 101, 401, 402, 403, 497, 019, 020, 099, 220, 419, 499, 467
<u>HQ</u> - Social Studies	So Stu	0319	001, 002, 101, 401, 402, 403, 497, 499, 467
Creative Dramatics	Creat Dra	0350	001, 002, 101, 401, 402, 403, 497, 499, 467, 405 (1)
<i>(1) Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.</i>			
Dance	Dan	0351	445, Any early childhood, elementary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0355	001, 002, 101, 401, 402, 403, 497, 075, 486, 499, 467
<u>HQ</u> - Spelling	Spelling	0356	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Writing	Writing	0357	001, 002, 101, 401, 402, 403, 497, 499, 467

CTE -- Career and Technical Education Program Classification

<u>Physical Education, Art, Music and Computer Schedules</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education (Self-Contained)	P.E. SC	0309	001, 002, 101, 401, 402, 403, 497, 019, 071, 221, 420, 499, 467
Physical Education (Major Portion)	P.E. Maj	0352	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Min	0358	001, 002, 101, 401, 402, 403, 497, 019, 071, 221, 420, 499, 467
Art (Self-Contained)	Art SC	0325	001, 002, 101, 401, 402, 403, 497, 027, 427, 499, 467
<u>HQ</u> – Art (Major Portion)	Art Major	0353	027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0359	001, 002, 101, 401, 402, 403, 497, 027, 427, 499, 467
Music (Self-Contained)	Mus SC	0329	001, 002, 101, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467
<u>HQ</u> – Music (Major Portion)	Mus Major	0354	028, 029, 240, 241, 428, 429
<u>HQ</u> – Music (Minor Portion)	Mus Minor	0360	001, 002, 101, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467
Computer Literacy (Self-Contained)	ComTech SC	0345	001, 002, 101, 401, 402, 403, 497, 499, 467
Computer Literacy (Instructor)	ComTech In	0346	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills

CTE -- Career and Technical Education Program Classification

FOURTH GRADE

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained	SC	0400	001, 101, 401, 402, 497, 499, 440

Subject Codes for Self-Contained/Departmentalized Schedules

<u>HQ</u> - Language Arts	Lng Arts	0401	001, 101, 401, 402, 497, 499, 440
Spanish	Span	0402	001, 101, 401, 402, 497, 301, 490, 495, 009, 409, 499, 440
Latin	Latin	0403	001, 101, 401, 402, 497, 301, 490, 493, 010, 410, 499, 440
French	French	0404	001, 101, 401, 402, 497, 301, 490, 491, 011, 411, 499, 440
German	German	0405	001, 101, 401, 402, 497, 301, 490, 492, 012, 412, 499, 440
Russian	Russian	0464	001, 101, 401, 402, 497, 301, 490, 494, 006, 406, 499, 440
Japanese	Japanese	0465	001, 101, 401, 402, 497, 301, 490, 496, 004, 404, 499, 440
<u>HQ</u> - Mathematics	Math	0406	001, 101, 401, 402, 497, 499, 440
<u>HQ</u> - Science	Sci.	0407	001, 101, 401, 402, 497, 499, 440
Health/Safety	Health	0411	001, 101, 401, 402, 497, 019, 020, 099, 220, 419, 499, 440
<u>HQ</u> - Social Studies	So Stu	0419	001, 101, 401, 402, 497, 499, 440
Creative Dramatics	Creat Dra	0450	001, 101, 401, 402, 497, 499, 440, 405 (1)

(1) Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.

Dance	Dan	0451	445, Any elementary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0455	001, 101, 401, 402, 497, 075, 486, 499, 440
<u>HQ</u> - Spelling	Spelling	0456	001, 101, 401, 402, 497, 499, 440
<u>HQ</u> - Writing	Writing	0457	001, 101, 401, 402, 497, 499, 440

CTE -- Career and Technical Education Program Classification

<u>Physical Education, Art, Music and Computer Schedules</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education (Self-Contained)	P.E. SC	0409	001, 101, 401, 402, 497, 019, 071, 221, 420, 499, 440
Physical Education (Major Portion)	P.E. Maj	0452	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Min	0458	001, 101, 401, 402, 497, 019, 071, 221, 420, 499, 440
Art (Self-Contained)	Art SC	0425	001, 101, 401, 402, 497, 027, 427, 499, 440
<u>HQ</u> – Art (Major Portion)	Art Major	0453	027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0459	001, 101, 401, 402, 497, 027, 427, 499, 440
Music (Self-Contained)	Mus SC	0429	001, 101, 401, 402, 497, 028, 029, 240, 241, 428, 429, 499, 440
<u>HQ</u> – Music (Major Portion)	Mus Major	0454	028, 029, 240, 241, 428, 429
<u>HQ</u> – Music (Minor Portion)	Mus Minor	0460	001, 101, 401, 402, 497, 028, 029, 240, 241, 428, 429, 499, 440
Computer Literacy (Self-Contained)	ComTech SC	0445	001, 101, 401, 402, 497, 499, 440
Computer Literacy (Instructor)	ComTech In	0446	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.

CTE -- Career and Technical Education Program Classification

FIFTH GRADE	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standard</u>
<u>HQ - Self-Contained</u>	SC	0500		001, 101, 400, 401, 402, 499, 440
Subject Codes for Self-Contained/Departmentalized Schedules				
<u>HQ - Language Arts</u>	Lng Arts	0501		001, 101, 400, 401, 402, 499, 440
Spanish	Span	0502		001, 101, 400, 401, 402, 301, 490, 495, 009, 409, 499, 440
Latin	Latin	0503		001, 101, 400, 401, 402, 301, 490, 493, 010, 410, 499, 440
French	French	0504		001, 101, 400, 401, 402, 301, 490, 491, 011, 411, 499, 440
German	German	0505		001, 101, 400, 401, 402, 301, 490, 492, 012, 412, 499, 440
Russian	Russian	0564		001, 101, 400, 401, 402, 301, 490, 494, 006, 406, 499, 440
Japanese	Japanese	0565		001, 101, 400, 401, 402, 301, 490, 496, 004, 404, 499, 440
<u>HQ - Mathematics</u>	Math	0506		001, 101, 400, 401, 402, 499, 440
<u>HQ - Science</u>	Sci	0507		001, 101, 400, 401, 402, 499, 440
Health/Safety	Health	0511		001, 101, 400, 401, 402, 019, 020, 099, 220, 419, 499, 440
<u>HQ - Social Studies</u>	So Stu	0519		001, 101, 400, 401, 402, 499, 440
<u>HQ - Vocal Music (Chorus/Choir)</u>	V Mus	0527		028, 240, 428
<u>HQ - Instrumental Music (Band/Orchestra)</u>	I Mus	0528		029, 241, 429
<u>HQ - Multi-Age Vocal Music (Chorus/Choir)</u>	MAV Mus	0961		028, 240, 428
<u>HQ - Multi-Age Instrumental Music (Band/Orchestra)</u>	MAI Mus	0971		029, 241, 429
Multi-Age Middle Grades Exploratory	MA MGE	0981		001, 101, 400, 401, 402, 499, 440
Foundations of Technology (1)	FOT	0535	TEE	001, 070, 101, 230, 400, 401, 402, 470, 477, 480, 499, 440

- (1) Teachers who teach Foundations of Technology must be properly endorsed and must complete the state-approved five-day training for Foundations of Technology prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 400, 401, 402). Instructors holding the endorsement 470 or 477 are not required to attend training. Instructors have to attend the training only one time.

Candidates who hold a bachelor's degree may be issued a professional license endorsed in technology education provided they: (1) complete a 5-day training in technology-engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Career and Technical - Technical Education.

Creative Dramatics	Creat Dra	0550		001, 101, 400, 401, 402, 499, 405 (2), 440
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- (2) Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

FIFTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</u>
Family/Consumer Sciences (formerly Home Ec)	Fam&ConSC	0540	001, 101, 400, 401, 402, 450, 050, 051, 499, 440
Dance	Dan	0551	445, Any elementary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0555	001, 101, 400, 401, 402, 075, 486, 499, 440
<u>HQ</u> - Spelling	Spelling	0556	001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Writing	Writing	0557	001, 101, 400, 401, 402, 499, 440
Content Area Reading, Grade 5	Cont Area Rdg	0581	001, 075, 101, 400, 401, 402, 486, 499, 440
<u>Physical Education, Art, Music and Computer Schedules</u>			
Physical Education (Self-Contained)	P.E. SC	0509	001, 101, 400, 401, 402, 019, 071, 221, 420, 499, 440
Physical Education (Major Portion)	P.E. Maj	0552	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Min	0558	001, 101, 400, 401, 402, 019, 071, 221, 420, 499, 440
Art (Self-Contained)	Art SC	0525	001, 101, 400, 401, 402, 027, 427, 499, 440
<u>HQ</u> - Art (Major Portion)	Art Major	0553	027, 427
<u>HQ</u> - Art (Minor Portion)	Art Minor	0559	001, 101, 400, 401, 402, 027, 427, 499, 440
Music (Self-Contained)	Mus SC	0529	001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440
<u>HQ</u> - Music (Major Portion)	Mus Major	0554	028, 029, 240, 241, 428, 429
<u>HQ</u> - Music (Minor Portion)	Mus Minor	0560	001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440
Computer Literacy (Self-Contained)	ComTech SC	0545	001, 101, 400, 401, 402, 499, 440
Computer Literacy (Instructor)	ComTech In	0546	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.

CTE -- Career and Technical Education Program Classification

SIXTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained	SC	0600	001, 101, 400, 401, 402, 499, 440

Subject Codes for Self-Contained/Departmentalized Schedules

<u>HQ</u> - Language Arts	Lng Arts	0601		001, 101, 400, 401, 402, 007, 407, 499, 440
Spanish	Span	0602		001, 101, 400, 401, 402, 009, 301, 409, 490, 495, 499, 440
Latin	Latin	0603		001, 101, 400, 401, 402, 010, 301, 410, 490, 493, 499, 440
French	French	0604		001, 101, 400, 401, 402, 011, 301, 411, 490, 491, 499, 440
German	German	0605		001, 101, 400, 401, 402, 012, 301, 412, 490, 492, 499, 440
Russian	Russian	0664		001, 101, 400, 401, 402, 006, 301, 406, 490, 494, 499, 440
Japanese	Japanese	0665		001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 499, 440
<u>HQ</u> - Mathematics	Math	0606		001, 101, 400, 401, 402, 013, 413, 499, 440
<u>HQ</u> - Science	Sci	0607		001, 101, 400, 401, 402, 014, 015, 016, 017, 081, 210, 211, 212, 213, 214, 415, 416, 417, 418, 419, 499, 440
Health/Safety	Health	0611		001, 101, 400, 401, 402, 019, 020, 099, 220, 419, 499, 440
<u>HQ</u> - Social Studies	So Stu	0619		001, 101, 400, 401, 402, 021, 022, 250, 421, 422, 423, 424, 499, 440
Foundations of Technology (1)	Tech Ed	0635	TEE	001, 067, 069, 101, 105, 400, 401, 402, 070, 230, 470, 477, 013, 014, 015, 016, 017, 211, 212, 214, 413, 415, 416, 417, 460, 461, 480, 499, 440 (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079)

- (1) Teachers who teach Foundations of Technology must be properly endorsed and must complete the state-approved five-day training for Foundations of Technology prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 400, 401, 402, 013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417). In addition, instructors having only endorsements 013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417 must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors holding the endorsements 070, 230 or 470 are not required to attend training. Instructors have to attend the training only one time.

Candidates who hold a bachelor's degree may be issued a professional license endorsed in technology education provided they: (1) complete a 5-day training in technology-engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Career and Technical -Technical Education

CTE -- Career and Technical Education Program Classification

SIXTH GRADE**Abbreviation/Code****CTE****Endorsement/Employment Standards**

Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter, including the current year, and has at least two (2) of the following endorsements in technology education may teach the Foundations of Technology course [042, 043, 044, 045, 046, 047, 077, 078, 079]. This is not a grandfathered area.

<u>HQ</u> - Vocal Music (Chorus/Choir)	V Mus	0627	028, 240, 428
<u>HQ</u> - Instrumental Music (Band/Orchestra)	I Mus	0628	028, 029, 241, 429
<u>HQ</u> - Multi-Age Vocal Music (Chorus/Choir)	MAV Mus	0961	028, 240, 428
<u>HQ</u> - Multi-Age Vocal Music (Chorus/Choir) (For Grades 6-12)	MAV Mus	0995	028, 240, 428
<u>HQ</u> - Multi-Age Instrumental Music (Band/Orchestra)	MAI Mus	0971	028, 029, 241, 429
<u>HQ</u> - Multi-Age Instrumental Music (Band/Orchestra) (For Grades 6-12)	MAI Mus	0996	029, 241, 429
Multi-Age Middle Grades Exploratory	MA MGE	0981	001, 101, 400, 401, 402, 499, 440
Multi-Age Middle Grades Exploratory (For Grades 6-8)	MA MGE	0983	001, 101, 400, 401, 402, 499, 440 any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
Family and Consumer Sciences (formerly Home Economics)	Fam & Con Sc	0640	001, 101, 400, 401, 402, 050, 051, 450, 499, 440
Creative Dramatics	Creat Dra	0650	001, 101, 400, 401, 402, 499, 440, 405 (1)
<i>(1) Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.</i>			
Dance	Dan	0651	445, 586, any elementary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0655	001, 101, 400, 401, 402, 007, 407, 075, 076, 486, 499, 440
<u>HQ</u> - Spelling	Spelling	0656	001, 101, 400, 401, 402, 007, 407, 499, 440
<u>HQ</u> - Writing	Writing	0657	001, 101, 400, 401, 402, 007, 407, 499, 440
Content Area Reading, Grade 6	Con Area Read	0681	001, 007, 013, 014, 015, 016, 017, 021, 022, 023, 024, 025, 081, 101, 211, 212, 213, 214, 250, 400, 401, 402, 407, 413, 414, 415, 416, 417, 418, 421, 422, 423, 424, 425, 486, 499, 440

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, Instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

<u>SIXTH GRADE</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>Physical Education, Art, Music, and Computer Schedules</u>			
Physical Education (Self-Contained)	P.E. SC	0609	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 499, 440
Physical Education (Major Portion)	P.E. Maj	0652	019, 071, 072, 221, 420
Physical Education (Minor Portion)	P.E. Min	0658	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 499, 440
Art (Self-Contained)	Art SC	0625	001, 101, 400, 401, 402, 027, 427, 499, 440
<u>HQ</u> - Art (Major Portion)	Art Major	0653	027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0659	001, 101, 400, 401, 402, 027, 427, 499, 440
General Music (Self-Contained)	Mus SC	0629	001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440
<u>HQ</u> - General Music (Major Portion)	Mus Major	0654	028, 029, 240, 241, 428, 429
<u>HQ</u> – General Music (Minor Portion)	Mus Minor	0660	001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440
Computer Literacy (Self Contained)	ComTech SC	0645	001, 101, 400, 401, 402, 499, 440
Computer Literacy (Instructor)	ComTech In	0646	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills

CTE -- Career and Technical Education Program Classification

SEVENTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained	SC	0700	001, 101, 400, 401, 402, 440
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ</u> - Language Arts	Lng Arts	0701	001, 101, 400, 401, 402, 007, 407, 440
<u>HQ</u> - Spanish	Span	0702	001, 101, 400, 401, 402, 009, 301, 409, 490, 495, 440
<u>HQ</u> - Latin	Latin	0703	001, 101, 400, 401, 402, 010, 301, 410, 490, 493, 440
<u>HQ</u> - French	French	0704	001, 101, 400, 401, 402, 011, 301, 411, 490, 491, 440
<u>HQ</u> - German	German	0705	001, 101, 400, 401, 402, 012, 301, 412, 490, 492, 440
Russian	Russian	0764	001, 101, 400, 401, 402, 006, 301, 406, 490, 494, 440
Japanese	Japanese	0765	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 440
<u>HQ</u> - Mathematics	Math	0706	001, 101, 400, 401, 402, 013, 413, 440
<u>HQ</u> - Science	Sci	0707	001, 101, 400, 401, 402, 014, 015, 016, 017, 081, 210, 211, 212, 213, 214, 415, 416, 417, 418, 440
Health & PE	H P.E.	0708	001, 101, 400, 401, 402, 019, 440 (020 and 071), (020 and 072), (020 and 221), (020 and 420), (099 and 071), (099 and 072), (099 and 221), (099 and 420), (220 and 071), (220 and 072), (220 and 221), (220 and 420), (419 and 071), (419 and 072), (419 and 221), (419 and 420)
Health/Safety	Health	0711	001, 101, 400, 401, 402, 019, 020, 099, 220, 419, 440
<u>HQ</u> - Integrated Social Studies	In. So Stu	0712	001, 101, 400, 401, 402, 021, 023, 250, 421, 422, 423, 424, 440
<u>HQ</u> - Vocal Music (Chorus/Choir)	V Mus	0727	028, 240, 428
<u>HQ</u> - Instrumental Music (Band/Orchestra)	I Mus	0728	029, 241, 429
<u>HQ</u> - Multi-Age Vocal Music (Chorus/Choir)	MAV Mus	0962	028, 240, 428
<u>HQ</u> - Multi-Age Vocal Music (Chorus/Choir) (For Grades 6-12)	MAV Mus	0995	028, 240, 428
<u>HQ</u> - Multi-Age Instrumental Music (Band/Orchestra)	MAI Mus	0972	029, 241, 429
<u>HQ</u> - Multi-Age Instrumental Music (Band/Orchestra) (For Grades 6-12)	MAI Mus	0996	029, 241, 429

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SEVENTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Multi-Age Middle Grades Exploratory	MA MGE	0982	001, 101, 400, 401, 402, 440, any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
Multi-Age Middle Grades Exploratory (For Grades 6-8)	MA MGE	0983	001, 101, 400, 401, 402, 440 any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
Family and Consumer Sciences	Fam & Con Sc	0740	001, 050, 051, 101, 400, 401, 402, 450, 440
Creative Dramatics	Creat Dra	0750	001, 101, 400, 401, 402, 405 (1) 440
(1) <i>Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.</i>			
Dance	Dan	0751	445, 586, any elementary, secondary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0755	001, 101, 400, 401, 402, 007, 407, 075, 076, 486, 440
<u>HQ</u> - Spelling	Spelling	0756	001, 101, 400, 401, 402, 007, 407, 440
<u>HQ</u> - Writing	Writing	0757	001, 101, 400, 401, 402, 007, 407, 440
Keyboarding	Keybd	0710	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435 436, 474, 475
Content Area Reading, Grade 7	Cont Area Read	0781	001, 007, 013, 014, 015, 016, 017, 021, 022, 023, 024, 025, 075, 076, 081 101, 211, 212, 213, 214, 250, 400, 401, 402, 407, 413, 414, 415, 416, 417 418, 421, 422, 423, 424, 425, 486, 440
<u>HQ</u> - Algebra I (7 th and/or 8 th graders)	Alg I	0842	001, 101, 400, 401, 402, 013, 413, 440
<u>Physical Education, Art, Music and Computer Schedules</u>			
Physical Education (Self-Contained)	P.E. SC	0709	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 440
Physical Education (Major Portion)	P.E. Maj	0752	019, 071, 072, 221, 420
Physical Education (Minor Portion)	P.E. Min	0758	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 440
<u>HQ</u> - Art (Self-Contained)	Art SC	0725	001, 101, 400, 401, 402, 027, 427, 440
<u>HQ</u> - Art	Art	0753	027, 427

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SEVENTH GRADE

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - General Music (Self-Contained)	Mus SC	0729		001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 440
<u>HQ</u> - General Music	Mus	0754		028, 029, 240, 241, 428, 429
Computer Literacy (Self-Contained)	ComTech SC	0745		001, 101, 400, 401, 402, 440
Computer Literacy (Instructor)	ComTech In	0746		Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.

CTE -- Career and Technical Education Program Classification

SEVENTH GRADE	Abbreviation/Code	CTE	Endorsement/Employment Standards
<i>Foundations of Technology (1)</i>	<i>Found Tech</i>	<i>0735</i>	<i>TEE</i>
<p>001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 470, 477, 480, 440, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching this course, and meets the qualifications * and ** for trade and industrial education. See notes below.</p> <p>(1) Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: 001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480. In addition, instructors having only endorsements 001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</p> <p>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078, and 079). This is not a grandfathered area.</p> <p>* Trade and Industrial Education instructors who holds a Bachelor's degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</p> <p>** Trade and Industrial Education instructors who holds a Bachelor's degree and an apprenticeship occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must complete the application for Alternative License type E, must pass the Praxis Specialty in Technology Education (10050) Examination with a minimum score of 580 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</p>			
<i>Teen Living</i>	<i>Tn Liv</i>	<i>0739</i>	<i>FCS 050, 450</i>

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

EIGHTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ - Self-Contained</u>	SC	0800	001, 101, 400, 401, 402, 440
Subject codes for Self-Contained/Departmentalized Schedules			
<u>HQ - Language Arts</u>	Lng Arts	0801	001, 101, 400, 401, 402, 007, 407, 440
<u>HQ - Spanish</u>	Span	0802	001, 101, 400, 401, 402, 009, 301, 409, 490, 495, 440
<u>HQ - Latin</u>	Latin	0803	001, 101, 400, 401, 402, 010, 301, 410, 490, 493, 440
<u>HQ - French</u>	French	0804	001, 101, 400, 401, 402, 011, 301, 411, 490, 491, 440
<u>HQ - German</u>	German	0805	001, 101, 400, 401, 402, 012, 301, 412, 490, 492, 440
Russian	Russian	0864	001, 101, 400, 401, 402, 006, 301, 406, 490, 494, 440
Japanese	Japanese	0865	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 440
<u>HQ - Mathematics</u>	Math	0806	001, 101, 400, 401, 402, 013, 413, 440
<u>HQ - Science</u>	Sci	0807	001, 101, 400, 401, 402, 014, 015, 016, 017, 081, 210, 211, 212, 213, 214, 415, 416, 417, 418, 419, 440
Health & PE	H P.E.	0808	001, 101, 400, 401, 402, 019, 440, (020 and 071) , (020 and 072), (020 and 221), (020 and 420), (099 and 071), (099 and 072), (099 and 221), (099 and 420), (220 and 071), (220 and 072), (220 and 221), (220 and 420), (419 and 071), (419 and 072), (419 and 221), (419 and 420)
Health/Safety	Health	0811	001, 101, 400, 401, 402, 019, 020, 099, 220, 419, 440
<u>HQ - Integrated Social Studies</u>	In. So Stu	0814	001, 101, 400, 401, 402, 021, 023, 250, 421, 422, 423, 424, 440
<u>HQ - Vocal Music (Chorus/Choir)</u>	V Mus	0827	028, 240, 428
<u>HQ - Instrumental Music (Band/Orchestra)</u>	I Mus	0828	029, 241, 429
<u>HQ - Multi-Age Vocal Music (Chorus/Choir)</u>	MAV Mus	0962	028, 240, 428
<u>HQ - Multi-Age Vocal Music (Chorus/Choir)</u> (For Grades 6-12)	MAV Mus	0995	028, 240, 428
<u>HQ - Multi-Age Instrumental Music</u> (Band/Orchestra)	MAI Mus	0972	029, 241, 429
<u>HQ - Multi-Age Instrumental Music (Band/Orchestra)</u> (For Grades 6-12)	MAI Mus	0996	029, 241, 429

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, Instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

EIGHTH GRADE	Abbreviation/Code	CTE	Endorsement/Employment Standards
Subject codes for Self-Contained/Departmentalized Schedules			
Multi-Age Middle Grades Exploratory	MA MGE	0982	001, 101, 400, 401, 402, any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
Multi Age Middle Grades Exploratory (Grades 6-8)	MA MGE	0983	001, 101, 400, 401, 402, 499, any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
<u>HQ</u> - Algebra I (7 th and/or 8 th graders)	Alg I	0842	001, 101, 400, 401, 402, 013, 413, 440
<u>HQ</u> - Geometry (7 th and/or 8 th graders)	Geom	0843	013, 413
Family and Consumer Sciences	Fam & Con Sc	0840	001, 050, 051, 101, 400, 401, 402, 450, 440
Creative Dramatics	Creat Dra	0850	001, 101, 400, 401, 402, 440, 405 (1)
<i>(1) Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.</i>			
Dance	Dan	0851	445, 586, any elementary, secondary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0855	001, 101, 400, 401, 402, 007, 407, 075, 076, 486, 440
<u>HQ</u> - Spelling	Spelling	0856	001, 101, 400, 401, 402, 007, 407, 440
<u>HQ</u> - Writing	Writing	0857	001, 101, 400, 401, 402, 007, 407, 440
Keyboarding	Key	0810	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475
Keyboarding/Document Formatting	KeyDocFor	0812	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475
Content Area Reading, Grade 8	Cont Area Read	0881	001, 007, 013, 014, 015, 016, 017, 021, 022, 023, 024, 025, 075, 076, 081, 101, 211, 212, 213, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417, 418, 421, 422, 423, 424, 425, 486, 440
<u>Physical Education, Art, Music and Computer Schedules</u>			
Physical Education (Self-Contained)	P.E. SC	0809	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 440
Physical Education (Major Portion)	P.E. Maj	0852	019, 071, 072, 221, 420
Physical Education (Minor Portion)	P.E. Min	0858	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 440
<u>HQ</u> - Art (Self-Contained)	Art SC	0825	001, 101, 400, 401, 402, 027, 427, 440
<u>HQ</u> - Art	Art	0853	027, 427

CTE -- Career and Technical Education Program Classification

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EIGHTH GRADE

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - General Music (Self-Contained)	Mus SC	0829		001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 440
<u>HQ</u> - General Music	Mus	0854		028, 029, 240, 241, 428, 429
Computer Literacy (Self-Contained)	ComTech SC	0845		001, 101, 400, 401, 402, 440
Computer Literacy (Instructor)	ComTech In	0846		Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.

CTE -- Career and Technical Education Program Classification

EIGHTH GRADE	Abbreviation/Code	CTE	Endorsement/Employment Standards
<i>Foundations of Technology</i> (1)	<i>Found Tech</i>	0835	TEE
<p>001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 470, 477, 480, 440, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching this course, and meets the qualifications * and ** for trade and industrial education. See notes below.</p> <p>(1) Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: 001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480. In addition, instructors having only endorsements 001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</p> <p>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078, and 079). This is not a grandfathered area.</p> <p>* Trade and Industrial Education instructors who holds a Bachelor's degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</p> <p>** Trade and Industrial Education instructors who holds a Bachelor's degree and an apprenticeship occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must complete the application for Alternative License type E, must pass the Praxis Specialty in Technology Education (10050) Examination with a minimum score of 580 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</p>			
<i>Teen Living</i>	<i>Tn Liv</i>	0839	FCS 050, 450

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

SPECIAL EDUCATION

SCHEDULING INSTRUCTIONS - SPECIAL EDUCATION

1. Each of the following codes used for scheduling special education services refers to a specific program. The special education teacher must hold the appropriate endorsement, as indicated, to work in the specific program.
2. MODIFIED CODES are to be used when scheduling students with mild - moderate disabilities. COMPREHENSIVE CODES are to be used when scheduling students with more severe, comprehensive disabilities. When scheduling these students, you must enter one four digit code reflecting the specific program for the majority of students served in the class.
3. CODE 9497 - COMPLETION OF PARTIAL SPECIAL EDUCATION SCHEDULE is to be used to schedule a student whose IEP requires him/her to attend school part-time. The use of this code will make a full-time schedule for the student.
4. Highly Qualified requirements have predicated new course codes for those Special Education teachers who are teachers of record in core content areas. Consultative, inclusion, or supplemental services do not require Highly Qualified status.
5. Highly Qualified for Special Education depends on the instructional level of the course content, not the grade level or age of the student. Most comprehensive programs grades 7-12 are Life Skills classes which should be coded as 9433. This does not require Highly Qualified status. In rare circumstances where grades 7-12 students are taught in a self-contained classroom setting other than Life Skills classes, the teacher's Highly Qualified status should reflect the instructional level of the content being taught.

<u>SPECIFIC PROGRAMS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Modified Program Grades K-3	Mod	9401	069, 105, 460, 461, 465, 067
<u>HQ</u> - Modified Program Grades K-3	Mod	9101	069, 105, 460, 461, 465, 067
Modified Program Grades 4-6	Mod	9404	069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 4-6	Mod	9104	069, 105, 460, 461, 067
Modified Program Grades 7-12	Mod	9408	069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 7-12 (Math)	Mod Math	9108	069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 7-12 (Science)	Mod Sci	9109	069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 7-12 (English)	Mod Eng	9111	069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 7-12 (Social Studies)	Mod SS	9112	069, 105, 460, 461, 067
Pre-Kindergarten(1)	Pre-K	9421	002, 066, 067, 068, 069, 105, 402, 403, 458, 459, 460, 461, 464, 465, 467, 468, 497, 498

(1)Pre-Kindergarten course codes are to be used as follows: if more than 50% of students are Special Education students, use the Special Education Pre-Kindergarten course code, otherwise use the regular Pre-Kindergarten course code.

Comprehensive Program Grades K-3 (Life Skills)	Comp	9425	066, 067, 069, 105, 460, 461, 465
<u>HQ</u> - Comprehensive Program Grades K-3	Comp	9125	066, 067, 069, 105, 460, 461, 465
Comprehensive Program Grades 4-6 (Life Skills)	Comp	9429	066, 067, 069, 105, 460, 461
<u>HQ</u> - Comprehensive Program Grades 4-6	Comp	9129	066, 067, 069, 105, 460, 461
Comprehensive Program Grades 7-12 (Life Skills)	Comp	9433	066, 067, 069, 105, 460, 461
<u>HQ</u> - Comprehensive Program Grades 7-12	Comp	9133	066, 067, 069, 105, 460, 461
Speech Program Grades K-3	Sp Imp	9438	068, 458, 464, 498
Speech Program Grades 4-6	Sp Imp	9439	068, 458, 464, 498
Speech Program Grades 7-12	Sp Imp	9440	068, 458, 464, 498
Pre-K Speech Program	Pk Sp	9441	068, 458, 464, 498

CTE -- Career and Technical Education Program Classification

<u>SPECIFIC PROGRAMS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Intellectually Gifted Program Grades K-3	Int Gift	9446	(1)
Intellectually Gifted Program Grades 4-6	Int Gift	9447	(1)
Intellectually Gifted Program Grades 7-12	Int Gift	9448	(1)

(1) Rules, Regulations and Minimum Standards 0520-I-2-.03 (7) states:

(a) *A classroom teacher in special or general education providing direct instruction to students identified by state criteria as intellectually gifted students shall meet the following employment standards:*

1. *The teacher shall be endorsed in the appropriate general education area or must hold the appropriate special education endorsement and*
2. *The teacher shall meet one of the following standards:*
 - (i) *The teacher shall work in consultation with a teacher who meets the standards for consulting teachers listed in (b) or*
 - (ii) *The teacher shall have completed six semester hours of college or university course work or the equivalent contact hours in teaching gifted students approved by the Department of Education or*
 - (iii) *The teacher shall hold an endorsement in gifted education.*

(b) *A consulting teacher in special or general education who works with other teachers or who teaches classes especially designed for gifted students in grades prekindergarten through twelve shall meet the following employment standards:*

1. *The consulting teacher shall be endorsed in the appropriate general education area or must hold the appropriate special education endorsement and*
2. *The consulting teacher shall meet one of the following standards:*
 - (i) *The consulting teacher shall have completed six semester hours of college or university coursework or the equivalent contact hours in teaching gifted students approved by the Department of Education or*
 - (ii) *The consulting teacher shall hold an endorsement in gifted education.*

(c) *An individual who serves as a gifted education coordinator in special or general education shall meet one of the following employment standards:*

1. *The individual shall hold an educator license with an endorsement in gifted education or*
2. *The individual shall hold an educator license and shall have completed six semester hours of college or university coursework or the equivalent contact hours in teaching gifted students approved by the Department of Education or*
3. *The individual shall hold a license endorsed in one of the following, beginning administrator, professional administrator, administration/supervision or supervisor of instruction.*

A classroom teacher who was endorsed in special education prior to September 1, 1989 and who served gifted students prior to July 1, 1988, may continue to teach eligible intellectually gifted students, provided that they have completed an in-service training program approved by the Department of Education.

CTE -- Career and Technical Education Program Classification

<u>SPECIFIC PROGRAMS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Vision Program Grades K-3	Vis	9449	064, 065, 108, 462
<u>HQ</u> - Vision Program Grades K-3	Vis	9149	064, 065, 108, 462
Vision Program Grades 4-6	Vis	9453	064, 065, 108, 462
<u>HQ</u> - Vision Program Grades 4-6	Vis	9153	064, 065, 108, 462
Vision Program Grades 7-12	Vis	9457	064, 065, 108, 462
<u>HQ</u> - Vision Program Grades 7-12	Vis	9157	064, 065, 108, 462
Language Program Grades K-3	Lang Imp	9466	068, 105, 458, 460, 461, 464, 465, 468, 498
Language Program Grades 4-6	Lang Imp	9467	068, 105, 458, 460, 461, 464, 498
Language Program Grades 7-12	Lang Imp	9468	068, 105, 458, 460, 461, 464, 498
Pre-K Language Program	PK Lang	9465	068, 105, 458, 459, 460, 461, 464, 465, 468, 498
SE Gateway English (2)	SEGW Eng	9480	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464, 498
<u>HQ</u> - SE Gateway English (2)	SEGW Eng	9180	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464, 498
(2) <i>SE Gateway English is a research-based pre or post intervention option for preparing students to meet the requirements of the Gateway English exam. A credit in the course may serve as an elective but shall not serve as one of the units in English required for graduation.</i>			
SE Gateway Algebra (3)	SEGW Alg	9481	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464, 498
<u>HQ</u> - SE Gateway Algebra (3)	SEGW Alg	9181	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464, 498
(3) <i>SE Gateway Algebra is a research-based pre or post intervention option for preparing students to meet the requirements of the Gateway Algebra exam. A credit in the course may serve as an elective but shall not serve as one of the units in mathematics required for graduation.</i>			
SE Gateway Biology (1)	SEGW Biol	9482	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464 498
<u>HQ</u> - SE Gateway Biology (1)	SEGW Biol	9182	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464 498
(1) <i>SE Gateway Biology is a research-based pre or post intervention option for preparing students to meet the requirements of the Gateway Biology exam. A credit in the course may serve as an elective but shall not serve as one of the units in science required for graduation.</i>			

CTE -- Career and Technical Education Program Classification

<u>SPECIFIC PROGRAMS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Audiologist	Aud	9469	469
Hearing/Deaf Ed Program Grades K-3	Hear/Deaf	9490	063, 068, 463
Hearing/Deaf Ed Program Grades 4-6	Hear/Deaf	9494	063, 068, 463
Hearing/Deaf Ed Program Grades 7-12	Hear/Deaf	9495	063, 068, 463
Consulting Teacher/Instructional Facilitator	CTSE	9496	063, 064, 065, 066, 067, 068, 069, 105, 108, 458, 460, 461, 462, 463, 464, 465, 468, 469, 498
Completion of Partial SE Schedule	Par Sch	9497	Any endorsement
Cooperative Methodology/Supervision Periods (2) Co-op	Co-op	9498	063, 064, 065, 066, 067, 068, 069, 105, 108, 458, 460, 461, 462, 463, 464, 465, 466, 468, 469, 498
(2) <i>The credit for Cooperative Methodology is awarded in the appropriate related academic or Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>			
Special Course		Sp Crs (3)	
(3) <i>Prior approval of special course by the Special Education Division is required.</i>			

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, Instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SECONDARY GRADES 9-12

<u>SUBJECT</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
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PRINCIPAL

Office & Administration (Schools with grades 9-12 and 225 or more students)	Adm	9201	092, 110, 480, 481, 482, 483
Office & Administration (School with PRE-K Program with grades 9-12 and 225 or more students)	Adm	9202	092, 110, 480, 481, 482, 483
Office & Administration (School with grades 9-12 and 224 or less students)	Adm	9221	092, 110, 480, 481, 482, 483, 477 or any secondary endorsement
Office & Administration (School with PRE-K Program with grades 9-12 and 224 or less students)	Adm	9222	092, 110, 480, 481, 482, 483, 477 or any secondary endorsement

<u>ASSISTANT PRINCIPAL</u>	<u>Abbreviation/Code</u>	<u>Endorsement</u>
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Office & Administration	Adm	9210	092, 110, 480, 481, 482, 483, 477 or any secondary endorsement
Office & Administration (School with PRE-K Program)	Adm	9211	092, 110, 480, 481, 482, 483, 477 or any secondary endorsement

CAREER AND TECHNICAL EDUCATION SUPERVISION

<u>Career and Technical Ed. Supervisory Positions</u>	<u>Voc Ed</u>	<u>9220</u>	<u>(1)</u>
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(1) *Persons in this position are to be evaluated by the Division of Career and Technical Education for compliance with the following employment standard. Rules, Regulations and Minimum Standards 0520-1-2-.03(10)(g) states: "Persons holding Career and Technical Education supervisory positions including local directors, supervisors, coordinator specialists, assistant principals for Career and Technical Education, and center administrators shall have a minimum of a bachelor's degree in Career and Technical Education from an accredited four-year college or university and shall have completed three years of teaching experience in an approved Career and Technical -technical education program. They shall also have had two years of appropriate employment experience in a recognized occupation."*

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SPECIALIZED ASSIGNMENTS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Librarian/Media Specialist	Lib	9301	073, 473
School Counselor	Guidance	9303	087, 487
Cafeteria	Cafe	9304	N/A
Study Hall	St Hall	9305	N/A
Planning Time	Pltime	9309	N/A
Activity Period	Act Per	9310	N/A
<u>HQ</u> - Secondary Title I (Language Arts)	Sec Title I LA	9311	007, 076, 407
<u>HQ</u> - Secondary Title I (Math)	Sec Title I M	9312	013, 413
Athletic Coaching	Ath Coach	9313	N/A
GED Plus Two	GED+2	9325	Baccalaureate Degree and any secondary or Career and Technical endorsement
Adult High School – Unstructured (1)	AHS	9330	Any secondary endorsement
<i>(1) Teachers holding an elementary endorsement 001 (Grades 1-9) may teach only 9th grade courses in an unstructured Adult High School. These must be scheduled using the specific course codes per course.</i>			
Consulting Teacher /Instructional Facilitator	CT912	9331	Any secondary endorsement or Career and Technical endorsement
Homeroom	HRM	9385	N/A
Off Site University/Career and Technical Rehab	Univ/Voc Rehab	9392	N/A
Other Career and Technical Courses at Technology Centers(2)	Tech Ctr	9393	VOCM N/A
<i>(2) This code is to be used when scheduling students who are attending Technology Centers into courses for which they are to receive credit toward graduation and for which we do not have a unique code in the Correlations of Course Codes and Endorsement Codes. EXAMPLE: A student attending a Technology Center to take Principles of Welding for graduation credit should be scheduled as course code 5786. However, if our course code document does not list the Career and Technical course being taken for graduation credit, course code 9393 should be used in scheduling the student.</i>			

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SPECIALIZED ASSIGNMENTS**Abbreviation/Code****CTE****Endorsement/Employment Standards*****Career and Technical Work Based Learning/
Supervision Periods (1)******WB******9397******VOCM******Any Career and Technical endorsement, excluding occupational endorsements***

(1) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent. This code is to be used on a limited basis to accommodate the scheduling of the Work Based Learning Supervision Period for students from multiple Career and Technical program areas. If the students are grouped by a single Career and Technical program area, the Work Based Learning Supervision Period code for that area should be used. Health Science students may be supervised only by an instructor endorsed in Health Science Education Trade and Industrial Education students may be supervised only by an instructor endorsed in one of the trade areas.

***Academic Work Based Learning/
Supervision Periods (2)******WB******9398******VOCM******Any secondary endorsement, excluding Career and Technical endorsements***

(2) The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state approved 40-hour training and internship or the state-approved course equivalent. This code is to be used on a limited basis to accommodate the scheduling of the Work Based Learning Supervision Period for students from multiple academic instructional areas. If the students are grouped by a single academic instructional area, the Cooperative Methodology Supervision Period code for that area should be used.

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

LANGUAGE ARTS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
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<u>HQ</u> -English I	Eng 9	3001	007, 407, 001
<u>HQ</u> -English II	Eng 10	3002	007, 407
<u>HQ</u> -English III	Eng 11	3003	007, 407
<u>HQ</u> -English III I.B.	Eng III I.B.	(1)	007, 407

(1) *Contact the Division of Teaching and Learning for I.B. Course Codes.*

<u>HQ</u> -English IV	Eng 12	3005	007, 407
<u>HQ</u> -English IV I.B.	Eng IV I.B.	(2)	007, 407

(2) *Contact the Division of Teaching and Learning for I.B. Course Codes.*

<p><i>HQ - Applied Communication/English</i></p>

III or IV (3)

AC/Eng

3007

TP

007, 407

(3) *Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. This course satisfies either the English III or the English IV credit required for graduation. Changes to course title and standards for Applied Communication were approved by SBE October 2003.*

Journalism	Jlism	3008	007, 407
Competency English	Comp Eng	3010	007, 407, 001
Creative Writing	Creat Writ	3012	007, 407
Advanced Placement English			
<u>HQ</u> - Language and Composition	AP Lang&Comp	3013	007, 407
<u>HQ</u> - Literature and Composition	AP Lit & Comp	3014	007, 407
Speech	Speech	3015	008, 408
<u>HQ</u> - Spanish I	Span 1	3021	009, 409, 495
<u>HQ</u> - Spanish II	Span 2	3022	009, 409, 495
<u>HQ</u> - Spanish III	Span 3	3023	009, 409, 495
<u>HQ</u> - Spanish IV	Span 4	3024	009, 409, 495
<u>HQ</u> - Advanced Placement Spanish Language	AP Span Lang	3025	009, 409, 495
<u>HQ</u> - Advanced Placement Spanish Literature	AP Span Lit	3026	009, 409, 495
<u>HQ</u> - Spanish III/IV	Span 3/4	3027	009, 409, 495
<u>HQ</u> - Spanish II/III	Span 2/3	3028	009, 409, 495
<u>HQ</u> - Spanish IV/AP	Span IV/AP	3082	009, 409, 495

CTE -- Career and Technical Education Program Classification

Courses in <i>bold italic print within a double lined box</i> are Career and Technical Education funded courses.

LANGUAGE ARTS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Spanish I I.B.	Span I I.B. (1)		009, 409, 495
<i>(1) Contact the Division of Teaching and Learning for I.B. Course Codes.</i>			
<u>HQ</u> - Spanish II I.B.	Span 2 I.B. (2)		009, 409, 495
<i>(2) Contact the Division of Teaching and Learning for I.B. Course Codes.</i>			
<u>HQ</u> - Latin I	Latin 1 3031		010, 410, 493
<u>HQ</u> - Latin II	Latin 2 3032		010, 410, 493
<u>HQ</u> - Latin III	Latin 3 3033		010, 410, 493
<u>HQ</u> - Latin IV	Latin 4 3034		010, 410, 493
<u>HQ</u> - Advanced Placement Latin-Vergil	AP Latin Ver 3035		010, 410, 493
<u>HQ</u> - Advanced Placement Latin Literature	AP Latin Lit 3036		010, 410, 493
<u>HQ</u> - Latin III/IV	Latin 3/4 3037		010, 410, 493
<u>HQ</u> - Latin II/III	Latin 2/3 3038		010, 410, 493
<u>HQ</u> - Latin IV/AP Latin	Latin IV/AP 3083		010, 410, 493
<u>HQ</u> - French I	French 1 3041		011, 411, 491
<u>HQ</u> - French II	French 2 3042		011, 411, 491
<u>HQ</u> - French III	French 3 3043		011, 411, 491
<u>HQ</u> - French IV	French 4 3044		011, 411, 491
<u>HQ</u> - Advanced Placement French Language	AP French Lang 3045		011, 411, 491
<u>HQ</u> - Advanced Placement French Literature	AP French Lit 3046		011, 411, 491
<u>HQ</u> - French III/IV	French 3/4 3047		011, 411, 491
<u>HQ</u> - French II/III	French 2/3 3048		011, 411, 491
<u>HQ</u> - French I I.B.	French I I.B. (3)		011, 411, 491
<i>(3) Contact the Division of Teaching and Learning for I.B. Course Codes.</i>			
<u>HQ</u> - French II I.B.	French 2 I.B. (4)		011, 411, 491
<i>(4) Contact the Division of Teaching and Learning for I.B. Course Codes.</i>			
<u>HQ</u> - French IV/AP French	French IV/AP 3084		011, 411, 491
<u>HQ</u> - German I	German 1 3051		012, 412, 492
<u>HQ</u> - German II	German 2 3052		012, 412, 492
<u>HQ</u> - German III	German 3 3053		012, 412, 492
<u>HQ</u> - German IV	German 4 3054		012, 412, 492
<u>HQ</u> - Advanced Placement German Language	AP German Lng 3055		012, 412, 492
<u>HQ</u> - German III/IV	German3/4 3057		012, 412, 492
<u>HQ</u> - German II/III	German2/3 3058		012, 412, 492
<u>HQ</u> - German IV/AP	German IV/AP 3085		012, 412, 492

CTE -- Career and Technical Education Program Classification

LANGUAGE ARTS

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Russian I	Russ 1 3061		006, 406, 494
Russian II	Russ 2 3062		006, 406, 494
Russian III	Russ 3 3063		006, 406, 494
Russian IV	Russ 4 3064		006, 406, 494
Russian III/IV	Russ 3/4 3067		006, 406, 494
Russian II/III	Russ 2/4 3068		006, 406, 494
Japanese I	Japan 1 3071		004, 404, 496
Japanese II	Japan 2 3072		004, 404, 496
Japanese III	Japan 3 3073		004, 404, 496
Japanese IV	Japan 4 3074		004, 404, 496
Japanese III/IV	Japan 3/4 3087		004, 404, 496
Japanese II/III	Japan 2/3 3088		004, 404, 496
Chinese I	Chin I 3091		004, 404, 496
<u>HQ</u> - English As Second Language	ESL 3075		301, 490
<u>HQ</u> - Gateway English(1)	GW Eng 3080		007, 407

(1) *Gateway English is a research-based pre or post intervention option for preparing students to meet the requirements of the Gateway English exam. A credit in the course may serve as an elective but shall not serve as one of the units in English required for graduation.*

<u>HQ</u> - Content Area Reading (2)	Cont Read 3081	007, 407, 013, 014, 015, 016, 017, 075, 076, 081, 211, 212, 213, 214, 413
(2) Elective credit only		414, 415, 416, 417, 418, 021, 250, 421, 023, 423, 022, 422, 025, 425, 024
		424, 009, 409, 495, 010, 410, 493, 011, 411, 491, 012, 412, 492, 006,
		406, 494, 004, 404, 486, 496

Technology Based Intervention	Tech Based Int 3645	(3) and (4)
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(3) *Documentation of technology qualifications/training of instructor must be submitted with the Special Course Approval request*

(4) *Documentation of subject-endorsed consulting teacher must be submitted with the Special Course Approval request.*

<u>HQ</u> - Theory of Knowledge I.B.	Theo Know I.B. (5)	004, 006, 007, 009, 010, 011, 012, 013, 015, 016, 017, 021, 023, 024, 025
		080, 081, 211, 212, 213, 214, 250, 404, 406, 407, 409, 410, 411, 412, 413
		414, 415, 416, 417, 418, 421, 423, 424, 425, 426, 491, 492, 493, 494, 495
		496

(5) *Contact the Division of Teaching and Learning for I.B. Course Codes.*

CTE -- Career and Technical Education Program Classification

Work Based Learning/Supervision Periods	WB (1)	3098	VOCM 004, 006, 007, 008, 009, 010, 011, 012, 301, 404, 406, 407, 408, 409, 410, 411, 412, 490, 491, 492, 493, 494, 495, 496
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(1) *The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.*

HQ - Special Course -- Language Arts Spec Crs (2)

(2) *Prior approval of special courses by the Division of Teaching and Learning is required.*

CTE -- Career and Technical Education Program Classification

Courses in <i>bold italic print within a double lined box</i> are Career and Technical Education funded courses.

FINE ARTS

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> -Visual Art I	V Art 1	3501	027, 427
<u>HQ</u> - Visual Art II	V Art 2	3502	027, 427
<u>HQ</u> - Visual Art III	V Art 3	3503	027, 427
<u>HQ</u> - Visual Arts IV	V Art 4	3504	027, 427
<u>HQ</u> - Visual Arts III/AP	V Art III/AP	3506	027, 427
<u>HQ</u> - General Music	Gen Mus	3505	028, 029, 240, 241, 428, 429
<u>HQ</u> - Music I.B.	Music I.B.	(1)	028, 029, 240, 241, 428, 429
<u>HQ</u> - Theory and Harmony	The Har	3514	028, 029, 240, 241, 428, 429
<u>HQ</u> - Art History	Art Hist	3515	027, 427
<u>HQ</u> - Art Design I.B.	Art Des	(2)	027, 427
<u>HQ</u> - Music History	Mus Hist	3517	028, 029, 240, 241, 428, 429
Theatre Arts I.B.	Th Arts I.B.	(3)	405

(1) (2) (3) *Contact the Division of Teaching and Learning for I.B. Course Codes.*

Theatre Arts I	Th Arts 1	3520	001, 405 (4)
Theatre Arts II	Th Arts 2	3521	405 (5)
Theatre Arts III	Th Arts 3	3522	405 (6)
Theatre Arts IV	Th Arts 4	3523	405 (7)
Theatre Arts	Th Arts	3524	405 (8)

(4) (5) (6) (7) (8) *Teachers who have taught one or more classes in theatre for at least one full academic year prior to and including 1994-95 may continue teaching theatre without the 405 endorsement.*

Dance I	Dan 1	3525	445, 586, any secondary or K-12 endorsement and appropriate background in dance
Dance II	Dan 2	3526	445, 586, any secondary or K-12 endorsement and appropriate background in dance
Dance III	Dan 3	3527	445, 586, any secondary or K-12 endorsement and appropriate background in dance
Dance IV	Dan 4	3528	445, 586, any secondary or K-12 endorsement and appropriate background in dance
Dance	Dan	3529	445, 586, any secondary or K-12 endorsement and appropriate background in dance

CTE-Career and Technical Education Program Classification

FINE ARTS

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Class Piano I	Pia I	3540		028, 029, 240, 241, 428, 429
<u>HQ</u> - Class Piano II	Pia 2	3541		028, 029, 240, 241, 428, 429
<u>HQ</u> - Class Piano	Pia	3542		028, 029, 240, 241, 428, 429
<u>HQ</u> - Visual Art III/IV	V Art 3/4	3543		027, 427

CTE-Career and Technical Education Program Classification

FINE ARTS

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Instrumental Music	In Mus	3530	029, 241, 429
<u>HQ</u> - Multi-Age Instrumental Music (Band/Orchestra) (For Grades 6-12)	MAI Mus	0996	029, 241, 429
<u>HQ</u> - Vocal Music	V Mus	3531	028, 240, 428
<u>HQ</u> - Multi-Age Vocal Music (Chorus/Choir) (For Grades 6-12)	MAV Mus	0995	028, 240, 428
<u>HQ</u> - Advanced Placement Studio Art- Drawing Portfolio	AP St Art-Draw	3533	027, 427
<u>HQ</u> - Advanced Placement History of Art	AP Hist of Art	3534	027, 427
<u>HQ</u> - Advanced Placement Music Theory	AP Mus Tho	3535	028, 029, 240, 241, 428, 429
<u>HQ</u> - Advanced Placement Studio Art - 3D Design	AP St Art 3D	3544	027, 427
<u>HQ</u> - Advanced Placement Studio Art - 2D Design	AP St Art 2D	3545	027, 427

Work Based Learning/Supervision Periods (1)	WB	3598	VOCM	027, 028, 029, 240, 241, 405, 427, 428, 429, 445
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(1) The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

HQ - Special Course-Fine Arts Spec Crs (2)

(2) Prior approval of special courses by the Division of Teaching and Learning is required.

CTE Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

Courses in <i>bold italic print within a double lined box</i> are Career and Technical Education funded courses.

MATHEMATICS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Algebra I	Alg 1	3102	013, 413, 001
<u>HQ</u> - Algebra II	Alg 2	3103	013, 413
<u>HQ</u> - Geometry	Geom	3108	013, 413
<u>HQ</u> - Calculus	Calc	3113	013, 413

<u>HQ Technical Mathematics (2)</u>	<u>TM</u>	<u>3114</u>	<u>TP</u>	<u>013, 413</u>
<i>(2) Teachers who teach this course must hold proper endorsement <u>and</u> have attended state-approved, five-day training.</i>				
<u>HQ Technical Algebra(3)</u>	<u>TA</u>	<u>3123</u>	<u>TP</u>	<u>013, 413</u>
<i>(3) Teachers who teach this course must hold proper endorsement <u>and</u> have attended state-approved, three-day training in addition to the Technical Mathematics training. Previous experience in teaching Technical Mathematics is recommended. This course may substitute for Algebra I</i>				
<u>HQ Technical Geometry (4)</u>	<u>TG</u>	<u>3122</u>	<u>TP</u>	<u>013, 413</u>
<i>(4) Teachers who teach this course must hold proper endorsement <u>and</u> have attended state-approved, five day training. This course may substitute for Geometry.</i>				

<u>HQ</u> - Advanced Algebra and Trigonometry	Alg/Trig	3124	013, 413
<u>HQ</u> - PreCalculus	P-Calc	3126	013, 413
<u>HQ</u> - Advanced Placement Calculus AB	AP Calc AB	3127	013, 413
<u>HQ</u> - Advanced Placement Calculus AB/BC	AP Calc AB/BC	3139	013, 413
<u>HQ</u> - Advanced Placement Calculus BC	AP Calc BC	3128	013, 413
<u>HQ</u> - Advanced Placement Statistics	AP Stat	3129	013, 413
<u>HQ</u> - Foundations I	Found 1	3130	013, 413, 001
<u>HQ</u> - Foundations II	Found 2	3131	013, 413, 001
<u>HQ</u> - Integrated Mathematics I	Int Math 1	3132	013, 413, 001
<u>HQ</u> - Integrated Mathematics II	Int Math 2	3133	013, 413
<u>HQ</u> - Integrated Mathematics III	Int Math 3	3134	013, 413
<u>HQ</u> - Discrete Mathematics w/ Statistics and Probability	Disc Math	3135	013, 413
<u>HQ</u> - Statistics	Stat	3136	013, 413

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

MATHEMATICS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Pre-Calculus I.B.	Pre-Cal I.B. (1)		013, 413
<u>HQ</u> - Math Topics I.B.	Math Tpc I.B. (2)		013, 413
<u>HQ</u> - Math Studies I.B.	Math Stu I.B. (3)		013, 413
<u>HQ</u> - Math Methods I.B.	Math Meth I.B. (4)		013, 413
(1) (2) (3) (4) <i>Contact the Division of Teaching and Learning for I.B. Course Codes.</i>			
<u>HQ</u> - Gateway Algebra (5)	GW Alg 3180		013, 413
(5) <i>Gateway Algebra is a research-based pre or post intervention option for preparing students to meet the requirements of the Gateway Algebra exam. A credit in the course may serve as an elective but shall not serve as one of the units in mathematics required for graduation.</i>			
<u>HQ</u> - Content Area Reading (6)	Cont Read 3081		007, 407, 013, 014, 015, 016, 017, 075, 076, 081, 211, 212, 213, 214, 413
(6) Elective credit only			
			414, 415, 416, 417, 418, 021, 250, 421, 023, 423, 022, 422, 025, 425, 024
			424, 009, 409, 495, 010, 410, 493, 011, 411, 491, 012, 412, 492, 006, 406,
			006, 494, 004, 404, 486, 496
Technology Based Intervention	Tech Based Int 3645		(7) and (8)
(7) <i>Documentation of technology qualifications/training of instructor must be submitted with the Special Course Approval request.</i>			
(8) <i>Documentation of subject-endorsed consulting teacher must be submitted with the Special Course Approval request.</i>			
<u>HQ</u> - Theory of Knowledge I.B.	Theo Know I.B. (9)		004, 006, 007, 009, 010, 011, 012, 013, 015, 016, 017, 021, 023, 024, 025
			080, 081, 211, 212, 213, 214, 250, 404, 406, 407, 409, 410, 411, 412, 413
			414, 415, 416, 417, 418, 421, 423, 424, 425, 426, 491, 492, 493, 494, 495
			496
(9) <i>Contact the Division of Teaching and Learning for I.B. Course Codes.</i>			

CTE -- Career and Technical Education Program Classification

Courses in <i>bold italic print within a double lined box</i> are Career and Technical Education funded courses.

MATHEMATICS**Abbreviation/Code****CTE****Endorsement/Employment Standards**

<i>Work Based Learning/Supervision Periods (1)</i>	<i>WB</i>	<i>3198</i>	<i>VOCM 013, 413</i>
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(1) *The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.*

HQ - Special Course-Mathematics

Spec Crs

(2)

(2) *Prior approval of special courses by the Division of Teaching and Learning is required.*

CTE - Career and Technical Education Program Classification

Courses in <i>bold italic print within a double lined box</i> are Career and Technical Education funded courses.

COMPUTER TECHNOLOGY**Abbreviation/Code****CTE****Endorsement/Employment Standards****Computer Literacy**

Computer Literacy	Per Comp	3620	(1) or 037, 039, 041, 055, 057, 201, 202, 203, 204, 311, 430, 431, 432 434, 435, 436, 474, 475, 477
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Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

- (1) A teacher of personal computing, computer productivity applications, and interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.

Programming

BASIC Programming	BASIC Pro	3625	(2), or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 474+(2), 475+(2)
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Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

- (2) A teacher of BASIC and adventures in computing shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work including at least one programming language.

PASCAL Programming	PASCAL Prog	3627	(3)
FORTRAN Programming	FORTRAN Prg	3629	(4)
C Programming	C Prog	3631	(5)
C++ Programming	C++ Prog	3632	(6), or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 474+(6), 475+(6)
JAVA	JAVA Prog	3637	(7), or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475
Advanced Placement Computer Science A	AP Comp Sc A	3635	(8)
Advanced Placement Computer Science AB	AP Comp Sc AB	3636	(9)

Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

- (3) (4) (5) (6) (7) (8) (9) A teacher of programming languages and advanced placement computer science shall have a valid Tennessee teacher license with an endorsement Grades 7-12 and must have completed the equivalent of 12 semester hours of computer course work including six semester hours of programming.

CTE -- Career and Technical Education Program Classification

Research and Development

Computer Applications	Comp Prod	3638	(1) or 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434 435, 436, 474, 475, 477
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Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

- (1) *A teacher of personal computing, computer productivity applications, and Interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.*

Interactive Multimedia Presentations	Int Mul Pres	3639	(2) 031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 431 432, 434, 435, 436, 474, 475, 477
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Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

- (2) *A teacher of personal computing, computer productivity applications, and Interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.*

Adventures in Computing	Ad Comp	3640	(3)
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Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

- (3) *A teacher of BASIC and adventures in computing shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work including at least one programming language.*

Work Based Learning/Supervision Periods (4)	WB	3698	VOCM	Any secondary endorsement
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Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

- (4) *This credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.*

Special Course-Computer Technology	Spec Crs	(5)
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- (5) *Prior approval of special courses by the Division of Teaching and Learning is required.*

CTE -- Career and Technical Education Program Classification

Courses in <i>bold italic print within a double lined box</i> are Career and Technical Education funded courses.

SCIENCE

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
HQ -Physical Science	Phys Sci 3202		015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418, 001
HQ -Earth Science	Ea Sci 3204		015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418
HQ -Geology	Geol 3205		081, 213, 418
HQ -Life Science	Life Sci 3208		015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418, 001
HQ -Biology I	Biol 1 3210		015, 211, 415
HQ -Biology II	Biol 2 3216		015, 211, 415
HQ -Biology I I.B.	Biol 1 I.B. (1)		015, 211, 415

(1) Contact the Division of Teaching and Learning for I.B. Course Codes.

HQ -Biology II I.B. Biol 2 I.B. (2) 015, 211, 415

(2) Contact the Division of Teaching and Learning for I.B. Course Codes.

HQ -Advanced Placement Biology AP Biol 3217 015, 211, 415

HQ - Principles of Technology I (3) **PTI** **3220** **TP** **016, 017, 212, 214, 414, 416, 417**

(3) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. This course may satisfy one of the physical science credits required for graduation.

HQ - Principles of Technology II (5) **PTII** **3256** **TP** **016, 017, 212, 214, 414, 416, 417**

(5) Teachers who teach this course must hold proper endorsement and have attended the Principles of Technology I state-approved, five-day training. This course satisfies one science credit required for graduation. The completion of Principles of Technology I and II is equivalent to Physics I.

CTE -- Career and Technical Education Program Classification

Courses in **bold italic print within a double lined box** are Career and Technical Education funded courses.

SCIENCE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Chemistry I	Chem 1	3221	016, 212, 416
<u>HQ</u> - Chemistry II	Chem 2	3224	016, 212, 416
<u>HQ</u> - Advanced Placement Chemistry	AP Chem	3225	016, 212, 416
<u>HQ</u> - Physics	Physics 1	3231	017, 214, 414, 417
<u>HQ</u> - Advanced Placement Physics B	AP Physics B	3233	017, 214, 414, 417
<u>HQ</u> - Advanced Placement Physics C	AP Physics C	3234	017, 214, 414, 417
<u>HQ</u> - Advanced Placement Environmental Science	AP Env Sc	3236	015, 016, 017, 081, 211, 212, 214, 414, 415, 416, 417, 418
<u>HQ</u> - Human Anatomy and Physiology	Phys	3251	015, 211, 415
<u>HQ</u> - Ecology	Ecol	3255	015, 211, 415
<u>HQ</u> - Environmental Science	Env Sc	3260	015, 016, 017, 081, 211, 212, 214, 414, 415, 416, 417, 418, 001

HQ - ***Biology for Technology (1)*** ***Bio Tech*** ***3258*** ***TP*** ***015, 211, 415***

(1) *Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. Biology for Technology may substitute for one of the life science credits required for graduation, equivalent to Biology I for college entrance.*

HQ - ***Nutrition Science (2)*** ***Nutri Sci*** ***3261*** ***FCS*** ***015, 016, 211, 212, 415, 416***

(2) *Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. Use this course code to schedule the Biology or Chemistry team teaching instructor. This course satisfies either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher) required for graduation. The team teachers should be assigned to the same group of Nutrition Science students.*

HQ - Gateway Biology(3) GW Biol 3280 015, 211, 415

(3) *Gateway Biology is a research-based pre or post intervention option for preparing students to meet the requirements of the Gateway Biology exam. A credit in the course may serve as an elective but shall not serve as one of the units in science required for graduation.*

HQ - Scientific Research SciRes 3295 015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

SCIENCE**Abbreviation/Code****CTE****Endorsement/Employment Standards****HQ** - Content Area Reading (1)

Cont Read

3081

007, 407, 013, 014, 015, 016, 017, 075, 076, 081, 211, 212, 213, 214, 413
414, 415, 416, 417, 418, 021, 250, 421, 023, 423, 022, 422, 025, 425, 024
424, 009, 409, 495, 010, 410, 493, 011, 411, 491, 012, 412, 492, 006, 406
006, 494, 004, 404, 486, 496(1) *Elective credit only*

Technology Based Intervention

3645

(2) and (3)

(2) *Documentation of technology qualifications/training of instructor must be submitted with the Special Course Approval request.*(3) *Documentation of subject-endorsed consulting teacher must be submitted with the Special Course Approval request.*

Theory of Knowledge I.B.

TheoKnow I.B.

(4)

004, 006, 007, 009, 010, 011, 012, 013, 015, 016, 017, 021, 023, 024, 025
080, 081, 211, 212, 213, 214, 250, 404, 406, 407, 409, 410, 411, 412, 413
414, 415, 416, 417, 418, 421, 423, 424, 425, 426, 491, 492, 493, 494, 495
496(4) *Contact the Division of Teaching and Learning for I.B. Course Codes.***Work Based Learning/Supervision Period(5)****WB****3298****VOCM****015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418**(5) *The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.***HQ** - Special Course--Science

Spec Crs

(6)

(6) *Prior approval of special courses by the Division of Teaching and Learning is required.***CTE - Career and Technical Education Program Classification**Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

<i>HQ – Agriscience(1)</i>	<i>Agrisc</i>	<i>5121</i>	<i>A10</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418),(048 and 449), (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(1) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40hour training or pass a state-approved Methods/ Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life science laboratory credit required for graduation.</i>				
<i>HQ – Agriscience (3)</i>	<i>Agrisc</i>	<i>5171</i>	<i>A12</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418),(048 and 449), (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(3) Teachers who teach this course must be properly endorsed and have attended the state-approved, five day/40 hour training or pass a state-approved Methods/ Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life Science laboratory credit required for graduation.</i>				

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

<i>HQ - Anatomy and Physiology (1)</i>	<i>Phys</i>	<i>5509</i>	<i>HS</i>	<i>577</i>
<i>(1) This course may satisfy one of the science credits required for graduation.</i>				
<i>HQ - Nutrition Science (2)</i>	<i>Nutr Sci</i>	<i>5615</i>	<i>FCS</i>	<i>(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416), (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)</i>
<i>(2) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course. This course satisfies either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher) required for graduation.</i>				
<i>HQ - Nutrition Science (4)</i>	<i>Nutri Sci</i>	<i>5616</i>	<i>FCS</i>	<i>050, 450</i>
<i>(4) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor. This course satisfies either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher) required for graduation. The team teachers should be assigned to the same group of Nutrition Science students.</i>				

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

SOCIAL STUDIES

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - World History	W Hist 3401		021, 250, 421
<u>HQ</u> - Ancient History	Anc Hist 3402		021, 250, 421
<u>HQ</u> - Modern History	Mod Hist 3403		021, 250, 421
<u>HQ</u> - U. S. History	US Hist 3405		021, 250, 421
<u>HQ</u> - History of the Americas I I.B.	Hist/Ameri I I.B. (1)		021, 250, 421
<u>HQ</u> - History of the Americas II I.B.	Hist/Ameri II I.B. (2)		021, 250, 421
<i>(1) (2) Contact the Division of Teaching and Learning for I.B. Course Codes. Two years of I.B. History of Americas may substitute for U.S. History and U.S. Government requirements.</i>			
<u>HQ</u> - U. S. Government (3)	US Govt 3407		023, 250, 423, 001
<i>(3) The United States government requirement for graduation may be satisfied by one semester of American Business/Legal Systems or by three years of JROTC.</i>			
<u>HQ</u> - World Geography	W Geog 3410		022, 250, 422, 001
<u>HQ</u> - Economics ((4)	Economics 3431		024, 250, 424, 471
<i>(4) The economics requirement for graduation may be satisfied by two semesters of marketing education, one semester of International Business and Marketing one semester of Consumer Economics, or out-of-school experiences through Junior Achievement.</i>			
Anthropology	Anthropology 3421		025, 250, 425
Sociology	Sociology 3432		025, 250, 425
Psychology	Psy 3433		080, 250, 426
Psychology I.B.	Psy I.B. (5)		080, 250, 426
<i>(5) Contact the Division of Teaching and Learning for I.B. Course Codes.</i>			
Contemporary Issues	Cont Is 3435		021, 022, 023, 024, 025, 080, 250, 421, 422, 423, 424, 425, 426, 471
<u>HQ</u> - Advanced Placement U. S. History	AP US Hist 3440		021, 250, 421
<u>HQ</u> - Advanced Placement European History	AP Eur Hist 3441		021, 250, 421
<u>HQ</u> - African American History	AF-Am Hist 3442		021, 250, 421
<u>HQ</u> - Advanced Placement Microeconomics	AP Microec 3443		024, 250, 424, 471
<u>HQ</u> - Advanced Placement Macroeconomics	AP Macroec 3444		024, 250, 424, 471
<u>HQ</u> - Advanced Placement Gov't & Politics-United States	AP Gov't/Pol-US 3445		023, 250, 423
<u>HQ</u> - Advanced Placement Gov't & Politics Comparative	AP Gov't/PolCom 3446		023, 250, 423
Advanced Placement Psychology	AP Psych 3447		080, 250, 426
<u>HQ</u> - Advanced Placement World Geography	AP W Geo 3448		022, 250, 422
<u>HQ</u> - Advanced Placement Human Geography	AP H. Geo 3450		022, 250, 422
<u>HQ</u> - Advanced Placement World History	AP W Hist 3449		021, 250, 421

CTE -- Career and Technical Education Program Classification

Courses in <i>bold italic print within a double lined box</i> are Career and Technical Education funded courses.

Work Based Learning/Supervision Periods(1)	WB	3498	VOCM 021, 022, 023, 024, 025, 080, 250, 421, 422, 423, 424, 425, 426
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(1) *The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.*

Success Skills through Service Learning (2)	Success Skills 9395	VOCM Any Secondary endorsement, 414, 425, 426
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(2) *Teachers of any course in compliance with the standards of Success Skills through Service Learning, Course Code 9395, must have completed the state-approved 16-hour training or the state-approved course equivalent.*

HQ -Special Course--Social Studies

Spec Crs

(3)

(3) *Prior approval of special courses by the Division of Teaching and Learning*

HQ - Content Area Reading (4)

Cont Read

3081

(4) *Elective credit only*

007, 407, 013, 014, 015, 016, 017, 075, 076, 081, 211, 212, 213, 214, 413, 414, 415, 416, 417, 418, 021, 250, 421, 023, 423, 022, 422, 025, 425, 024, 424, 009, 409, 495, 101, 410, 493, 011, 411, 491, 012, 412, 492, 006, 406, 494, 004, 404, 486, 496

HQ - Theory of Knowledge I.B.

TheoKnow I.B.

(5)

004, 006, 007, 009, 010, 011, 012, 013, 015, 016, 017, 021, 023, 024, 025, 080, 081, 211, 212, 213, 214, 250, 404, 406, 407, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 421, 423, 424, 425, 426, 491, 492, 493, 494, 495, 496

(5) *Contact the Division of Teaching and Learning for I.B. Course Codes.*

CTE -- Career and Technical Education Program Classification

Courses in <i>bold italic print within a double lined box</i> are Career and Technical Education funded courses.

HEALTH AND P.E.	Abbreviation/Code	CTE	Endorsement/Employment Standards
Physical Ed I	PE	3301	019, 072, 221, 420
Physical Ed II	PE	3302	019, 072, 221, 420
Lifetime Wellness	Well	3303	019, 020, 072, 099, 220, 221, 419, 420, or (050 and 019), (050 and 072), (050 and 221), (050 and 420), (450 and 019), (450 and 072), (450 and 221), (450 and 420), (577 and 019), (577 and 072), (577 and 221), (577 and 420)
Driver Training	Dr Tn	3321	082
R.O.T.C. I	ROTC 1	3331	Must be a member of an appropriate unit of the U.S. Armed Forces
R.O.T.C. II	ROTC 2	3332	Must be a member of an appropriate unit of the U.S. Armed Forces
R.O.T.C. III	ROTC 3	3333	Must be a member of an appropriate unit of the U.S. Armed Forces
R.O.T.C. IV	ROTC 4	3334	Must be a member of an appropriate unit of the U.S. Armed Forces
R.O.T.C. V	ROTC 5	3335	Must be a member of an appropriate unit of the U.S. Armed Forces
R.O.T.C. VI	ROTC 6	3336	Must be a member of an appropriate unit of the U.S. Armed Forces
R.O.T.C. VII	ROTC 7	3337	Must be a member of an appropriate unit of the U.S. Armed Forces
R.O.T.C. VIII	ROTC 8	3338	Must be a member of an appropriate unit of the U.S. Armed Forces
R.O.T.C. IX	ROTC 9	3339	Must be a member of an appropriate unit of the U.S. Armed Forces

Work Based Learning/Supervision Periods (1) WB 3398 VOCM 019, 020, 050, 072, 082, 099, 220, 221, 419, 420, 450, 577 (1) The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.
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Special Course--Health and P.E. Spec Crs (2)
 (2) Prior approval of special courses by the Division of Teaching and Learning is required.

CTE -- Career and Technical Education Program Classification

Courses in <i>bold italic print within a double lined box</i> are Career and Technical Education funded courses.

BUSINESS TECHNOLOGY EDUCATION	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Accounting I	Acct 1	3701	030, 054, 055, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475
Accounting II	Acct 2	3702	030, 054, 055, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475
<u>HQ</u> - American Business/Legal Systems (1)	Bus/Leg Sys	3705	035, 054, 202, 204, 311, 430, 435, 436, 474, 475
<i>(1) American Business/Legal Systems satisfies one-half credit in Government.</i>			
American Business/Legal Systems (2)			
<i>(2) (for elective credit)</i>	Bus/Leg Sys	3706	035, 054, 202, 204, 311, 430, 435, 436, 474, 475
Business Principles	Bus Prin	3709	030, 035, 039, 054, 202, 204, 311, 430, 435, 436, 474, 475

CTE -- Career and Technical Education Program Classification

BUSINESS TECHNOLOGY EDUCATION	Abbreviation/Code	CTE	Endorsement/Employment Standards
Financial Planning	FinPlan	3713	033, 039, 054, 201, 202, 204, 311, 430, 435, 436, 474, 475
Keyboarding	Keybd	3715	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475
Computer Literacy	Comp Lit	3720	(1) or 037, 039, 041, 055, 057, 201, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477
<p>(1) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of personal computing, computer productivity applications, and interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.</i></p>			
Computer Applications	Comp App	3721	(2) or 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477
<p>(2) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of personal computing, computer productivity applications, and interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.</i></p>			
BASIC Programming	Basic Pro	3722	(3) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 474 + (3), 475 + (3)
<p>(3) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of BASIC, and adventures in computing shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work including at least one programming language. Endorsements 474 and 475 requires the equivalent of six semester computer courses work including at least one programming language.</i></p>			
C++ Programming	C++ Pro	3723	(4) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 474 + (4), 475 + (4)
<p>(4) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of programming languages and advanced placement computer science shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of 12 semester hours of computer course work including six semester hours of programming. Endorsements 474 and 475 requires the equivalent of twelve semester courses work including at least six hours of programming language.</i></p>			
HQ - Business Economics (5)	Bus Eco	3749	038, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475
<p>(5) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Business Economics satisfies one-half credit in Economics.</i></p>			

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

BUSINESS TECHNOLOGY EDUCATION	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Business Economics <i>(for elective credit)</i>	Bus Eco	3751	038, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Interactive Multimedia Presentations	Int Mul Pres	3752	(1) or 031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 431 432, 433, 434, 435, 436, 474, 475, 477
(1) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of personal computing, computer productivity applications, and interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.</i>			
Programming Applications	Prog App	3753	(2)
(2) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of programming languages and advanced placement computer science shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of 12 semester hours of computer course work including six semester hours of programming,</i>			
Work Based Learning/Supervision Periods(3) WB 3796 VOCM Any Business endorsement (3) <i>The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>			
Special Course-Business Technology Education	Spec Cr	(4)	Any Business endorsement
(4) <i>Prior approval of special courses by the Division of Career and Technical -Technical Education is required.</i>			

CTE -- Career and Technical Education Program Classification

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Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

CAREER AND TECHNICAL EDUCATION GRADES 7-12

BT BUSINESS TECHNOLOGY EDUCATION	Abbreviation/Code	CTE	Endorsement/Employment Standards	
eBusiness Communication	eBus	3704	BT	031, 032, 034, 037, 041, 055, 056, 057, 201, 203, 204, 311, 430, 432 433, 434, 435, 436, 474, 475
Business Management	Bus Mgt	3707	BT	039, 056, 057, 201, 202, 204, 311, 430, 433, 435, 436, 474, 475
Keyboarding	Keybd	3710	BT	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436 474, 475
Keyboarding/Document Layout and Design	KeyDoc Design	3727	BT	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475
Spreadsheet Applications	Spr Sheet App	3729	BT	030, 033, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 432, 434 435, 436, 474, 475
Intergrated Input Technologies	Int Input Tech	3730	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475
Database Design/Management	Data Mgt	3735	BT	030, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 432, 434, 435, 436, 474, 475
Administrative Management	Adm Mgt	3737	BT	037, 041, 054, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475
Desktop Publishing	DT Pbl	3741	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475
Interactive Multimedia Presentation	Int Mul Pres	3746	BT	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 431, 432, 433, 434 435, 436, 474, 475
HQ - International Business/Marketing (1)	Int Bus Mkt	3750	BT	039, 052, 054, 056, 057, 201, 202, 204, 311, 430, 435, 436, 471, 472 474, 475
(1) International Business/Marketing satisfies one-half credit in Economics				
International Business/Marketing	Int Bus Mkt	3754	BT	039, 052, 054, 056, 057, 201, 202, 204, 311, 430, 435, 436, 471, 472 474, 475
Keyboarding/Document Formatting	KeyDocForm	3775	BT	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436 474, 475
Networking Essentials	Net Ess	3778	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475
Computer Operating Systems and Hardware (2)	CompOper	3763	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475
(2) If planning to offer student certification, the teacher must have the appropriate Industry Certification.				
Information Technology Foundations (3)	InfoTechFou	3764	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475
(3) If planning to offer student certification, the teacher must have the appropriate Industry Certification.				
Accounting I	Acct I	3779	BT	030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475
Accounting II	Acct II	3780	BT	030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475
Career Connections	Car Con	3716	BT	031, 034, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 432 434, 435, 436, 475, 432, 050, 450

CTE -- Career and Technical Education Program Classification

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BT BUSINESS TECHNOLOGY EDUCATION	Abbreviation/Code		CTE	Endorsement/Employment Standards
Financial Planning	Fin Plan	3717	BT	030, 033, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Computer Applications	Comp App	3718	BT	037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477
<i>HQ- American Business/Legal Systems (1)</i> <i>(1) Satisfies one-half credit in Government</i>	BusLegSyst	3719	BT	035, 054, 202, 204, 311, 430, 435, 436, 474, 475
American Business/Legal Systems	Amer Legal	3726	BT	035, 054, 202, 204, 311, 430, 435, 436, 474, 475
<i>HQ- Business Economics (2)</i> <i>(2) Satisfies one-half credit in Economics</i>	Bus Econ	3755	BT	039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Business Economics	Bus Econ	3765	BT	039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Banking and Finance	Bank Fin	3756	BT	030, 033, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Virtual Enterprise International (3)	Vir Ent Int	3757	BT	037, 039, 041, 052, 055, 056, 057, 201, 202, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475
<i>(3) Satisfies one half credit in Economics. This course is trademarked by the New York City Department of Education and has an associated fee. Prior approval must be obtained from the Business consultant as well as requisite training before offering this course.</i>				
<i>HQ – Virtual Enterprise International (4)</i>	Vir Ent Int	3762	BT	037, 039, 041, 052, 055, 056, 057, 201, 202, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475
<i>(4) Satisfies one half credit in Economics. This course is trademarked by the New York City Department of Education and has an associated fee. Prior approval must be obtained from the Business consultant as well as requisite training before offering this course.</i>				
Website – Foundations (4)	Web Found	3758	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, 070, 230, 470
<i>(4) If planning to offer student certification, the teacher must have the appropriate Industry Certification.</i>				
Webpage Design – Site Designer (5)	Web Site Des	3759	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, 070, 230, 470
<i>(5) If planning to offer student certification, the teacher must have the appropriate Industry Certification.</i>				
Webpage Design –eCommerce (6)	Web Des eCom	3760	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, 070, 230, 470
<i>(6) If planning to offer student certification, the teacher must have the appropriate Industry Certification.</i>				
JAVA	Java Pro	3761	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475
Work Based Learning/Supervision Period (7)	WB	3798	BT	Any Business Technology Endorsement
<i>(7) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
Special Course Business Technology Education	Spec Cr	(8)	BT	Any Business Technology Endorsement
<i>(8) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

CTE -- Career and Technical Education Program Classification

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TEE -- TECHNOLOGY ENGINEERING EDUCATION	Abbreviation/Code	CTE	Endorsement/Employment Standards
<i>Innovations and Inventions</i>	<i>I & I</i>	<i>3810</i>	<i>TEE</i>
			<p>001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (04 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications * and ** for Trade and Industrial Education. See notes below.</p> <p><i>Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480. In addition, instructors having only endorsements: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</i></p> <p><i>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p> <p><i>* Trade and Industrial Education instructors who holds a Bachelor's degree and a professional occupational license (have already completed the 18 semester hour for certification) must complete the state-approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p> <p><i>** Trade and Industrial Education instructors who holds a Bachelor's degree and an apprenticeship occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must complete the application for Alternative License Type E, must pass the Praxis Specialty in Technology Education (10050) Examination with a minimum score of 580 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>

CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION	Abbreviation/Code	CTE	Endorsement/Employment Standards
<p>Technological Systems</p> <p><i>Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480. In addition, instructors having only endorsements: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</i></p> <p><i>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p> <p><i>* Trade and Industrial Education instructors who holds a Bachelor's degree and a professional occupational license (have already completed the 18 semester hour for certification) must complete the state-approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p> <p><i>** Trade and Industrial Education instructors who holds a Bachelor's degree and an apprenticeship occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must complete the application for Alternative License Type E, must pass the Praxis Specialty in Technology Education (10050) Examination with a minimum score of 580 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>	<p>Tech Sys</p> <p>3811</p>	<p>TEE</p>	<p>001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 230, 400,401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (04 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications * and ** for Trade and Industrial Education. See notes below.</p>

CTE -- Career and Technical Education Program Classification

Courses in **bold italic print within a double lined box** are Career and Technical Education funded courses.

TEE: TECHNOLOGY ENGINEERING EDUCATION		Abbreviation/Code	CTE	Endorsement/Employment Standards
Engineering Processes	Eng Pro	3812	TEE	<p>001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (04 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications * and ** for Trade and Industrial Education. See notes below.</p> <p><i>Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480. In addition, instructors having only endorsements: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</i></p> <p><i>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p> <p><i>* Trade and Industrial Education instructors who holds a Bachelor's degree and a professional occupational license (have already completed the 18 semester hour for certification) must complete the state-approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p> <p><i>** Trade and Industrial Education instructors who holds a Bachelor's degree and an apprenticeship occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must complete the application for Alternative License Type E, must pass the Praxis Specialty in Technology Education (10050) Examination with a minimum score of 580 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>

CTE -- Career and Technical Education Program Classification

Courses in **bold italic print within a double lined box** are Career and Technical Education funded courses.

TEE: TECHNOLOGY ENGINEERING EDUCATION			Abbreviation/Code	CTE	Endorsement/Employment Standards
<i>Problems and Solutions in Technology</i>	<i>PST</i>	<i>3813</i>	<i>TEE</i>		<p>001, 007, 013, 014, 015, 016, 017, 067, 069, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 460, 461, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (04 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications * and ** for Trade and Industrial Education. See notes below.</p> <p><i>Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480. In addition, instructors having only endorsements: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</i></p> <p><i>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p> <p><i>* Trade and Industrial Education instructors who holds a Bachelor's degree and a professional occupational license (have already completed the 18 semester hour for certification) must complete the state-approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p> <p><i>** Trade and Industrial Education instructors who holds a Bachelor's degree and an apprenticeship occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must complete the application for Alternative License Type E, must pass the Praxis Specialty in Technology Education (10050) Examination with a minimum score of 580 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>

CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

<i>Visual Communications</i>	<i>Vis Comm</i>	3814	TEE	070, 230, 470, and 477
<i>Website – Foundations (1)</i>	<i>Web Found</i>	3815	TEE	070, 230, 470, and 477
<i>(1) If planning to offer student certification, the teacher must have the appropriate Industry Certification</i>				
<i>Web Page Design – Site Designer (2)</i>	<i>Website Des</i>	3816	TEE	070, 230, 470, and 477
<i>(2) If planning to offer student certification, the teacher must have the appropriate Industry Certification</i>				
<i>Web Page Design – eCommerce (3)</i>	<i>Web Des eCom</i>	3817	TEE	070, 230, 470, and 477
<i>(3) If planning to offer student certification, the teacher must have the appropriate Industry Certification</i>				
<i>Principles of Manufacturing</i>	<i>Prin Manug</i>	3818	TEE	070, 230, 470, 477 and successful completion of related training
<i>Principles of Machining and Manufacturing</i>	<i>Prin Mac Manu</i>	3819	TEE	070, 230, 470, 477 and successful completion of related training
<i>Principles of Engineering</i>	<i>Prin Eng</i>	3820	TEE	070, 230, 470, 477 and successful completion of related training
<i>Digital Electronics</i>	<i>Dig Elect</i>	3821	TEE	070, 230, 470, 477 and successful completion of related training
<i>Manufacturing Applications</i>	<i>Manuf App</i>	3822	TEE	070, 230, 470, 477 and successful completion of related training
**Computer Aided Drafting	<i>Eng Des</i>	3823	TEE	070, 230, 470, and 477 plus American Design and Drafting Association (ADDA) certification
**Advanced Computer-Aided Drafting	<i>Comp Des</i>	3824	TEE	070, 230, 470, and 477 plus American Design and Drafting Association (ADDA) certification
Special Course – Manufacturing Cluster	<i>Sp Crs (4)</i>	3825	TEE	070, 230, 470, and 477 plus American Design and Drafting Association (ADDA) certification
** (4)Special Course – Arts and Communication Cluster	<i>Sp Crs (5)</i>	3826	TEE	070, 230, 470, and 477 plus American Design and Drafting Association (ADDA) certification
(4) Prior approval of special courses by the Division of Career and Technical Education is required.				
* Any technology engineering education instructor who teaches these courses must hold proper endorsement and have completed the related training prior to teaching these courses.				
** Any technology engineering education instructor who teaches these courses must hold proper endorsement and have successfully passed the ADDA certification test.				

CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

<i>Principles of Engineering (PLTW)</i>	<i>POE</i>	<i>3827</i>	<i>TEE</i>	<i>any TEE instructors who hold the following endorsements (070, 230, 470, and 477) with successful completion of PLTW Training</i>
<i>Digital Electronics (PLTW)</i>	<i>DE</i>	<i>3828</i>	<i>TEE</i>	<i>any TEE instructors who hold the following endorsements (070, 230, 470, and 477) with successful completion of PLTW Training</i>
<i>Introduction to Engineering Design (PLTW)</i>	<i>IED</i>	<i>3829</i>	<i>TEE</i>	<i>any TEE instructors who hold the following endorsements (070, 230, 470, and 477) with successful completion of PLTW Training</i>
<i>Computer Integrated Manufacturing (PLTW)</i>	<i>CIM</i>	<i>3830</i>	<i>TEE</i>	<i>any TEE instructors who hold the following endorsements (070, 230, 470, and 477) with successful completion of PLTW Training</i>
<i>Civil Engineering and Architecture (PLTW)</i>	<i>CEA</i>	<i>3831</i>	<i>TEE</i>	<i>any TEE instructors who hold the following endorsements (070, 230, 470, and 477) with successful completion of PLTW Training</i>
<i>Aerospace Engineering (PLTW)</i>	<i>AE</i>	<i>3832</i>	<i>TEE</i>	<i>any TEE instructors who hold the following endorsements (070, 230, 470, and 477) with successful completion of PLTW Training</i>
<i>Biotechnical Engineering (PLTW)</i>	<i>BE</i>	<i>3833</i>	<i>TEE</i>	<i>any TEE instructors who hold the following endorsements (070, 230, 470, and 477) with successful completion of PLTW Training</i>
<i>Engineering Design and Development (PLTW) Capstone Course</i>	<i>EDD</i>	<i>3834</i>	<i>TEE</i>	<i>any TEE instructors who hold the following endorsements (070, 230, 470, and 477) with successful completion of PLTW Training</i>

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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

Work Based Learning/Supervision Periods(1)	WB	3898	TEE	<p>013, 014, 015, 016, 017, 067, 070, 101, 105, 211, 212, 214, 230, 400, 402, 407, 413, 414, 415, 416, 417, 460, 461, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (04 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (04 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079)</p> <p>(1) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</p> <p>Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480. In addition, instructors having only endorsements: 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</p> <p>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078, 079). This is not a grandfathered area.</p> <p>Prior approval of special courses by the Division of Career and Technical -Technical Education is required.</p>
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CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

<i>Special Course - Tech Ed (1) and (2)</i>	<i>Spec Crs</i>	<i>(2)</i>	<i>TEE</i>	<i>013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 230, 400, 402, 407, 413, 414, 415, 416, 417, 460, 461, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079)</i>
<p>(1) <i>Instructors who teach this course must hold proper endorsement <u>and</u> have completed the state-approved, five-day training for the courses on the preceding page prior to teaching the course. Instructors having the following endorsements must attend the training: 007, 013, 014, 015, 016, 017, 067, 069, 070, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480. In addition, instructors having only endorsements 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 413, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, and 480, must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</i></p> <p><i>Candidates who hold a bachelor's degree and a professional occupational education license may be issued a professional license endorsed in technology education provided they: (1) complete a 5-day training in technology-engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Career and Technical Education</i></p> <p><i>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach any of the courses listed above. [042, 043, 044, 045, 046, 047, 077, 078, and 079] This is not a grandfathered area</i></p> <p>(2) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i></p>				

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

A10 -- AGRICULTURAL EDUCATION**Abbreviation/Code****CTE****Endorsement/Employment Standards**

The following codes are to be used when scheduling agricultural education teachers who are not on extended employment.

<i>Agricultural Business/Economics</i>	<i>Ag Bus/Ec</i>	<i>5100</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Mechanics & Maint</i>	<i>Ag Mech</i>	<i>5101</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Power & Equipment</i>	<i>Ag Power & Eq</i>	<i>5102</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Sales & Service</i>	<i>Ag SS</i>	<i>5103</i>	<i>A10</i>	<i>048, 448</i>
<i>Fundamentals of Agriculture</i>	<i>Fund Ag</i>	<i>5104</i>	<i>A10</i>	<i>048, 448</i>
<i>Advanced Principles of Agriculture</i>	<i>Adv Prin Ag</i>	<i>5105</i>	<i>A10</i>	<i>048, 448</i>
<i>Aquaculture</i>	<i>Aqua</i>	<i>5109</i>	<i>A10</i>	<i>048, 448</i>
<i>Crop Science</i>	<i>Crop Sci</i>	<i>5111</i>	<i>A10</i>	<i>048, 448</i>
<i>Soil and Land Management</i>	<i>Soil & Lnd Mgt</i>	<i>5112</i>	<i>A10</i>	<i>048, 448</i>
<i>Exterior/Interior Landscaping</i>	<i>Ext Int Land</i>	<i>5113</i>	<i>A10</i>	<i>048, 448</i>
<i>Floral Design</i>	<i>Flor</i>	<i>5114</i>	<i>A10</i>	<i>048, 448</i>
<i>Forestry</i>	<i>Forestry</i>	<i>5115</i>	<i>A10</i>	<i>048, 448</i>
<i>Greenhouse Management</i>	<i>Greenhouse Mgt</i>	<i>5117</i>	<i>A10</i>	<i>048, 448</i>
<i>Horse Science</i>	<i>Horse Sci</i>	<i>5118</i>	<i>A10</i>	<i>048, 448</i>
<i>Leadership Development</i>	<i>Lead Dev</i>	<i>5119</i>	<i>A10</i>	<i>048, 448</i>
<i>Nursery Production</i>	<i>Nurs Prod</i>	<i>5120</i>	<i>A10</i>	<i>048, 448</i>
<i>HQ - Agriscience (1)</i>	<i>Agrisc</i>	<i>5121</i>	<i>A10</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(1) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life science laboratory credit required for graduation.</i>				
<i>Agriscience (2)</i>	<i>Agrisc</i>	<i>5131</i>	<i>A10</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(2) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may be awarded for one Career and Technical credit.</i>				

CTE -- Career and Technical Education Program Classification

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A10 -- AGRICULTURAL EDUCATION**Abbreviation/Code****CTE****Endorsement/Employment Standards**

The following codes are to be used when scheduling agricultural education teachers who are not on extended employment.

<i>Small Animal Care</i>	<i>Anim Care</i>	<i>5122</i>	<i>A10</i>	<i>048, 448</i>
<i>Turfgrass Management</i>	<i>Turf Mgt</i>	<i>5123</i>	<i>A10</i>	<i>048, 448</i>
<i>Wildlife Management & Recreation</i>	<i>Wild Mgt & Rc</i>	<i>5124</i>	<i>A10</i>	<i>048, 448</i>
<i>Horticulture Technologies</i>	<i>Hort Tech</i>	<i>5125</i>	<i>A10</i>	<i>048, 448</i>
<i>Principles of Veterinary Science</i>	<i>Prin Vet Sci</i>	<i>5126</i>	<i>A10</i>	<i>048, 448</i>
<i>Livestock Management</i>	<i>Live Mgt</i>	<i>5127</i>	<i>A10</i>	<i>048, 448</i>
<i>Principles of Agricultural Engineering</i>	<i>Prin Ag Eng</i>	<i>5128</i>	<i>A10</i>	<i>048, 448</i>
<i>Hydroponics</i>	<i>Hydroponics</i>	<i>5129</i>	<i>A10</i>	<i>048, 448</i>
<i>Supervised Agriculture Experience</i>	<i>Sup Exp</i>	<i>5130</i>	<i>A10</i>	<i>048, 448</i>
<i>Work Based Learning/Supervision Periods (1)</i>	<i>Co-op Supv</i>	<i>5198</i>	<i>A10</i>	<i>048, 448</i>

(1) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

Special Course-Agricultural Ed **Spec Crs** (2) **A10** **048, 448**

(2) Prior approval of special courses by the Division of Career and Technical Education is required.

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A12 -- AGRICULTURAL EDUCATION**Abbreviation/Code****CTE****Endorsement/Employment Standards**

The following codes are to be used when scheduling agricultural education teachers who are on extended employment.

<i>Agricultural Business/Economics</i>	<i>Ag Bus/Ec</i>	<i>5150</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Mechanics & Maint</i>	<i>Ag Mech</i>	<i>5151</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Power & Equipment</i>	<i>Ag Power & Eq</i>	<i>5152</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Sales & Service</i>	<i>Ag SS</i>	<i>5153</i>	<i>A12</i>	<i>048, 448</i>
<i>Fundamentals of Agriculture</i>	<i>Fund Ag</i>	<i>5154</i>	<i>A12</i>	<i>048, 448</i>
<i>Advanced Principles of Agriculture</i>	<i>Adv Prin Ag</i>	<i>5155</i>	<i>A12</i>	<i>048, 448</i>
<i>Aquaculture</i>	<i>Aqua</i>	<i>5159</i>	<i>A12</i>	<i>048, 448</i>
<i>Crop Science</i>	<i>Crop Sci</i>	<i>5161</i>	<i>A12</i>	<i>048, 448</i>
<i>Soil and Land Management</i>	<i>Soil & Lnd Mgt</i>	<i>5162</i>	<i>A12</i>	<i>048, 448</i>
<i>Exterior/Interior Landscaping</i>	<i>Ext Int Land</i>	<i>5163</i>	<i>A12</i>	<i>048, 448</i>
<i>Floral Design</i>	<i>Flor</i>	<i>5164</i>	<i>A12</i>	<i>048, 448</i>
<i>Forestry</i>	<i>Forestry</i>	<i>5165</i>	<i>A12</i>	<i>048, 448</i>
<i>Greenhouse Management</i>	<i>Greenhouse Mgt</i>	<i>5167</i>	<i>A12</i>	<i>048, 448</i>
<i>Horse Science</i>	<i>Horse Sci</i>	<i>5168</i>	<i>A12</i>	<i>048, 448</i>
<i>Leadership Development</i>	<i>Lead Dev</i>	<i>5169</i>	<i>A12</i>	<i>048, 448</i>
<i>Nursery Production</i>	<i>Nurs Prod</i>	<i>5170</i>	<i>A12</i>	<i>048, 448</i>
<i>HQ - Agriscience (1)</i>	<i>Agrisc</i>	<i>5171</i>	<i>A12</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(1) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life Science laboratory credit required for graduation.</i>				
<i>Agriscience (2)</i>	<i>Agrisc</i>	<i>5182</i>	<i>A12</i>	<i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i>
<i>(2) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may be awarded for one Career and Technical credit.</i>				

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

A12 -- AGRICULTURAL EDUCATION**Abbreviation/Code****CTE****Endorsement/Employment Standards**

<i>Small Animal Care</i>	<i>Anim Care</i>	<i>5172</i>	<i>A12</i>	<i>048, 448</i>
<i>Turfgrass Management</i>	<i>Turf Mgt</i>	<i>5173</i>	<i>A12</i>	<i>048, 448</i>
<i>Wildlife Management & Recreation</i>	<i>Wild Mgt & Rc</i>	<i>5174</i>	<i>A12</i>	<i>048, 448</i>
<i>Horticulture Technologies</i>	<i>Hort Tech</i>	<i>5175</i>	<i>A12</i>	<i>048, 448</i>
<i>Principles of Veterinary Science</i>	<i>Prin Vet Sci</i>	<i>5176</i>	<i>A12</i>	<i>048, 448</i>
<i>Livestock Management</i>	<i>Live Mgt</i>	<i>5177</i>	<i>A12</i>	<i>048, 448</i>
<i>Principles of Agricultural Engineering</i>	<i>Prin Ag Eng</i>	<i>5178</i>	<i>A12</i>	<i>048, 448</i>
<i>Hydroponics</i>	<i>Hydroponics</i>	<i>5179</i>	<i>A12</i>	<i>048, 448</i>
<i>Supervised Agriculture Experience</i>	<i>Sup Exp</i>	<i>5181</i>	<i>A12</i>	<i>048, 448</i>
<i>Work Based Learning/Supervision Periods(1)WB Supv</i>		<i>5180</i>	<i>A12</i>	<i>048, 448</i>

(1) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

Special Course Agricultural Ed ***Spec Crs*** (2) ***A12*** ***048, 448***

(2) Prior approval of special courses by the Division of Career and Technical Education is required.

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded course

TI - TRADE AND INDUSTRIAL**Abbreviation/Code****CTE****Endorsement/Employment Standards*****Transportation Service Technology***

<i>Career Management Success</i>	<i>Career Mgt</i>	<i>5701</i>	<i>TI</i>	<i>Any Career and Technical endorsement</i>
<i>Transportation Core</i>	<i>Trans Core</i>	<i>5702</i>	<i>TI</i>	<i>506, 507, 508, 512, 568, 579, 581</i>
<i>Aviation Maintenance I</i>	<i>Av Maint I</i>	<i>5703</i>	<i>TI</i>	<i>512, 579 and Industry Certification</i>
<i>Aviation Maintenance II</i>	<i>Av Maint II</i>	<i>5704</i>	<i>TI</i>	<i>512, 579 and Industry Certification</i>
<i>Leisure Craft/Small Engine Technology:</i>				
<i>Systems</i>	<i>LC Sm Eng</i>	<i>5705</i>	<i>TI</i>	<i>506, 508, 512, 568, 579, 581</i>
<i>Leisure Craft/Small Engine Technology:</i>				
<i>Engine Performance</i>	<i>LC:Sm En Perf</i>	<i>5706</i>	<i>TI</i>	<i>506, 508, 512, 568, 579, 581</i>
<i>Collision Repair: Non Structural</i>	<i>Coll Rep: N S</i>	<i>5707</i>	<i>TI</i>	<i>507 and Industry Certification</i>
<i>Collision Repair: Structural</i>	<i>Coll Rep: S</i>	<i>5708</i>	<i>TI</i>	<i>507 and Industry Certification</i>
<i>Collision Repair: Painting and Refinishing</i>	<i>Coll Rep: P R</i>	<i>5709</i>	<i>TI</i>	<i>507 and Industry Certification</i>
<i>Automotive: Suspension and Steering</i>	<i>Auto: S S</i>	<i>5710</i>	<i>TI</i>	<i>506, 508 and Industry Certification</i>
<i>Automotive: Engine Performance</i>	<i>Auto: Eng Perf</i>	<i>5711</i>	<i>TI</i>	<i>506, 508 and Industry Certification</i>
<i>Automotive: Brake Systems</i>	<i>Auto: Brake Sys</i>	<i>5712</i>	<i>TI</i>	<i>506, 508 and Industry Certification</i>
<i>Automotive:Electrical/Electronics System</i>	<i>Auto: Elec Sys</i>	<i>5713</i>	<i>TI</i>	<i>506, 508 and Industry Certification</i>
<i>Diesel: Preventive Maintenance</i>	<i>Diesel: Prev Maint</i>	<i>5714</i>	<i>TI</i>	<i>581 and Industry Certification</i>
<i>Diesel: Brake Systems</i>	<i>Diesel: Brake Sys</i>	<i>5715</i>	<i>TI</i>	<i>581 and Industry Certification</i>
<i>Diesel: Suspension and Steering</i>	<i>Diesel: S S</i>	<i>5716</i>	<i>TI</i>	<i>581 and Industry Certification</i>
<i>Diesel: Electrical/Electronics</i>	<i>Diesel: Elec</i>	<i>5717</i>	<i>TI</i>	<i>581 and Industry Certification</i>
<i>Diesel: Engine</i>	<i>Diesel: Eng</i>	<i>5718</i>	<i>TI</i>	<i>581 and Industry Certification</i>
<i>Introduction to Aerospace</i>	<i>Intro Aero</i>	<i>5719</i>	<i>TI</i>	<i>594 and Industry Certification</i>
<i>Theory of Flight</i>	<i>Theory Flgt</i>	<i>5720</i>	<i>TI</i>	<i>594 and Industry Certification</i>
<i>Special Course-Transportation Service Technology</i>	<i>Spec Crs</i>	<i>(1)</i>	<i>TI</i>	<i>506, 507, 508, 512, 568, 579, 581, 594 and industry certification where Indicated</i>

(1) Prior approval of special courses by the Division of Career and Technical Education is required.

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL

Abbreviation/CodeCTEEndorsement/Employment Standards***Construction Technology******Career Management Success******Career Mgt******5701******TI******Any Career and Technical endorsement******Construction Core******Const Core******5730******TI******501, 502, 522, 523, 524, 527, 532, 553, 554, 555, 556, 567, 575, 580, 584, 585, 592, 598 and Industry Certification******Carpentry I******Car 1******5731******TI******522, 575, 580, 592 and Industry Certification******Carpentry II******Car 2******5732******TI******522, 575, 580, 592 and Industry Certification******Electrical I******Elect 1******5733******TI******501, 502, 523, 532, 567, 580, 592 and Industry Certification******Electrical II******Elect 2******5734******TI******501, 502, 523, 532, 567, 580, 592 and Industry Certification******Masonry I******Mas 1******5735******TI******524 and Industry Certification******Masonry II******Mas 2******5736******TI******524 and Industry Certification******Concrete I******Conc 1******5737******TI******524 and Industry Certification******Concrete II******Conc 2******5738******TI******524 and Industry Certification******Plumbing I******Plumb 1******5739******TI******501, 502, 527, 567, 580, 592 and Industry Certification******Plumbing II******Plumb 2******5740******TI******501, 502, 527, 567, 580, 592 and Industry Certification******Heating, Ventilation, Air Conditioning,
and Refrigeration (HVAC/R) I******HVAC 1******5741******TI******501, 502, 523, 532, 567, 592, 598 and Industry Certification******Heating, Ventilation, Air Conditioning,
and Refrigeration (HVAC/R) II******HVAC 2******5742******TI******501, 502, 523, 532, 567, 592, 598 and Industry Certification******Basic Principles of Welding******BASICPrinWld******5786******TI******551, 552, 553, 554, 555, 556, 584 and Industry Certification
OR any other T & I endorsement plus Certified Welding
Educator Certification******Advanced Welding Applications******Adv Weld App******5787******TI******551, 552, 553, 554, 555, 556, 584 and Industry Certification
OR any other T & I endorsement plus Certified Welding
Educator Certification*****CTE -- Career and Technical Education Program Classification****Courses in *bold italic print within a double lined box* are Career and Technical Education funded courses.**

TI - TRADE AND INDUSTRIAL**Abbreviation/Code****CTE****Endorsement/Employment Standards**

<i>Computer Aided Drafting</i>	<i>Comp Draft</i>	<i>5788</i>	<i>TI</i>	<i>070, 230, 470, 477 plus American Design and Drafting Association (ADDA) certification OR 551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585, 595, 596 plus ADDA Certification OR any other T & I endorsement plus ADDA certification</i>
<i>Advanced Computer Aided Drafting</i>	<i>Adv Com Draft</i>	<i>5789</i>	<i>TI</i>	<i>070, 230, 470 477, plus American Design and Drafting Association (ADDA) certification OR 551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585, 595, 596 plus ADDA Certification OR any other T & I endorsement plus ADDA certification</i>
<i>Special Course - Construction Technology</i>	<i>Spec Crs</i>	<i>(3)</i>	<i>TI</i>	<i>501, 502, 522, 523, 524, 527, 531, 532, 551, 552, 553, 554, 555 556, 567, 575, 580, 584, 585, 592, 598 OR 595, 596, plus ADDA certification</i>
<i>(3) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

CTE - Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL

Abbreviation/CodeCTEEndorsement/Employment Standards***Arts and Communication Cluster******Career Management Success******Career Mgt******5701******TI******Any Career and Technical endorsement******Information Technology Foundations******Info Tech******5755******TI******311, 435, 436, 475, and Industry Certification
582, 595 and Industry Certification******Computer Operating Systems and Hardware******Comp OP Sys******5756******TI******311, 435, 436, 475 and Industry Certification
582, 595 and Industry Certification******Networking******Network******5757******TI******311, 435, 436, 475 and Industry Certification
582, 595 and Industry Certification******Cabling Technology******Cab Tech******5758******TI******475, 501, 502, 523, 532, 537, 567, 578, 582, 595******Visual Communications******Vis Comm******5759******TI******230, 311, 435, 436, 475, 516, 519, 520, 521, 537, 538,
543, 576, 582, 583******Graphic Communications I******Gra Comm I******5760******TI******516, 519, 520, 521, 543, 576, 583******Graphic Communications II******Gra Comm II******5761******TI******543, 583******Digital Design and Imaging******Dig Des Imag******5762******TI******311, 435, 436, 475, 516, 519, 520, 521, 543, 583******Media Concepts******Med Conc******5763******TI******576, 597******Audio Technology I******AudioTech I******5770******TI******576, 597******Must have the Industry Certification within three years of teaching this course.******Audio Technology II******Audio Tech II******5771******TI******576, 597******Must have the Industry Certification within three years of teaching this course.******Electronic Media Production******Elec Media Pro******5764******TI******576, 597******Electronic Media Management
And Operations******ElecMedMgt******5765******TI******576, 597*****CTE -- Career and Technical Education Program Classification****Courses in *bold italic print within a double lined box* are Career and Technical Education funded courses.**

TI -- TRADE AND INDUSTRIAL

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<i>Web Site I - Foundations</i>	<i>Web I Found</i>	<i>5766</i>	<i>TI</i>	<i>311, 435, 436, 475, and Industry Certification OR 516, 519, 582, 583, 595 and Industry Certification</i>
<i>Web Page Design II - Site Designer</i>	<i>Web Des II</i>	<i>5767</i>	<i>TI</i>	<i>311, 435, 436, 475, and Industry Certification OR 516, 519, 582, 583, 595 and Industry Certification</i>
<i>Web Page Design III – eCommerce</i>	<i>Web Des III</i>	<i>5769</i>	<i>TI</i>	<i>311, 435, 436, 475, and Industry Certification OR OR 501, 502, 516, 519, 520, 521, 523, 537, 538, 543, 567, 576, 578 582, 583, 595 and Industry Certification</i>
<i>Special Course - Arts and Communication Cluster</i>		<i>(1)</i>	<i>TI</i>	<i>311, 435, 436, 475 and Industry Certification Or 501 OR 501, 502, 516, 519, 520, 521, 523, 537, 538, 543, 567, 576, 578, 582, 583, 595, 597 and Industry Certification</i>
<i>(1) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL	Abbreviation/Code		CTE	Endorsement/Employment Standards
<i>Manufacturing Cluster</i>				
<i>Career Management Success</i>	<i>Career Mgt</i>	<i>5701</i>	<i>TI</i>	<i>Any Career and Technical endorsement</i>
<i>Programming and Logic</i>	<i>Prog Logic</i>	<i>5780</i>	<i>TI</i>	<i>501, 502, 531, 537, 551, 552, 553, 554, 555, 556, 567, 575, 582, 584, 585, 595, 596</i>
<i>Principles of Manufacturing</i>	<i>Prin Manuf</i>	<i>5781</i>	<i>TI</i>	<i>531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596</i>
<i>Principles of Machining and Manufacturing</i>	<i>Prin Mc Manuf</i>	<i>5782</i>	<i>TI</i>	<i>531, 551, 552, 553, 554, 555, 556, 575, 584, 585, 596</i>
<i>Digital Electronics</i>	<i>Dig Elect</i>	<i>5783</i>	<i>TI</i>	<i>501,502,537,551,552,553,554,555, 556, 567, 582, 584, 585, 596</i>
<i>Principles of Engineering</i>	<i>Prin Eng</i>	<i>5784</i>	<i>TI</i>	<i>531, 551, 552, 553, 575, 582, 596</i>
<i>Manufacturing Applications</i>	<i>Manuf App</i>	<i>5785</i>	<i>TI</i>	<i>551,552,553,554,555, 556, 575, 582, 584, 585, 596</i>
<i>Basic Principles of Welding</i>	<i>Prin Weld</i>	<i>5786</i>	<i>TI</i>	<i>551, 552, 553, 554, 555, 556, 584 and Industry Certification or any T & I endorsement Plus Certified Welding Educator Certification</i>
<i>Advanced Welding Applications</i>	<i>Weld App</i>	<i>5787</i>	<i>TI</i>	<i>551, 552, 553, 554, 555, 556, 584 and Industry Certification or any T & I endorsement plus Certified Welding Educator Certification</i>
<i>Computer Aided Drafting</i>	<i>Comp Draft</i>	<i>5788</i>	<i>TI</i>	<i>070, 230, 470, plus American Design and Drafting Association (ADDA) certification or 551, 552, 553 plus ADDA certification or 531, 554, 555, 556, 584, 585 plus ADDA certification or any other T & I endorsement plus ADDA certification or 595, 596, plus ADDA certification</i>
<i>Advanced Computer Aided Drafting</i>	<i>Ad Comp Draft</i>	<i>5789</i>	<i>TI</i>	<i>070, 230, 470 plus American Design and Drafting Association (ADDA) certification or 551, 552, 553 plus ADDA certification or 531, 554, 555, 556, 584, 585 plus ADDA certification or any other T & I endorsement plus ADDA certification or 595, 596 plus ADDA certification</i>

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL**Abbreviation/Code****CTE****Endorsement/Employment Standards**

<i>Principles of Engineering (PLTW)</i>	<i>POE</i>	<i>5791</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Training</i>
<i>Digital Electronics (PLTW)</i>	<i>DE</i>	<i>5792</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Training</i>
<i>Introduction To Engineering Design (PLTW)</i>	<i>IED</i>	<i>5793</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Training</i>
<i>Computer Integrated Manufacturing (PLTW)</i>	<i>CIM</i>	<i>5794</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Training</i>
<i>Civil Engineering and Architecture (PLTW)</i>	<i>CEA</i>	<i>5795</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Training</i>
<i>Aerospace Engineering (PLTW)</i>	<i>AE</i>	<i>5796</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Training</i>
<i>Biotechnical Engineering (PLTW)</i>	<i>BE</i>	<i>5797</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Training</i>
<i>Engineering Design and Development (PLTW) Capstone Course</i>	<i>EDD</i>	<i>5798</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Training</i>

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL

Abbreviation/CodeCTEEndorsement/Employment Standards***Special Course - Manufacturing Cluster******Special Crs******(1)******TI******070, 230, 470, plus ADDA certification or 501, 502, 531, 537
551, 552, 553, 554, 555, 556, 567, 575, 582, 584, 585, plus ADDA
certification OR 595, 596, plus ADDA certification******(1) Prior approval of special courses by the Division of Career and Technical Education is required.*****CTE -- Career and Technical Education Program Classification*****Courses in bold italic print within a double lined box are Career and Technical Education funded courses.***

TI -- TRADE AND INDUSTRIAL**Abbreviation/Code****CTE****Endorsement/Employment Standards****Human Services**

<i>Criminal Justice I</i>	<i>Crim Jus I</i>	<i>5330</i>	<i>TI</i>	<i>586, 590</i>
<i>Criminal Justice II</i>	<i>Crim Jus II</i>	<i>5331</i>	<i>TI</i>	<i>586, 590</i>
<i>Criminal Justice III</i>	<i>Crim Just III</i>	<i>5342</i>	<i>TI</i>	<i>586, 590</i>
<i>Criminal Justice II/III (1)</i>	<i>Crim Jus II/III</i>	<i>5343</i>	<i>TI</i>	<i>586, 590</i>

(1) Use this code for classes where students in Criminal Justice II and III are scheduled in the same class period

<i>Principles of Cosmetology</i>	<i>Prin of Cos</i>	<i>5338</i>	<i>TI</i>	<i>561 Tennessee Cosmetology Instructor License</i>
<i>Design Principles of Cosmetology</i>	<i>Dsgn of Cos</i>	<i>5339</i>	<i>TI</i>	<i>561 Tennessee Cosmetology Instructor License</i>
<i>Chemistry of Cosmetology</i>	<i>Chemof Cos</i>	<i>5340</i>	<i>TI</i>	<i>561 Tennessee Cosmetology Instructor License</i>
<i>Cosmetology II/III (2) (3)</i>	<i>Cosmty II/III</i>	<i>5341</i>	<i>TI</i>	<i>561 Tennessee Cosmetology Instructor License</i>

(2) Use this code for classes where students in Design Principles of Cosmetology and Chemistry of Cosmetology are scheduled in the same class period.

(3) The 2007-2008 school year will be the last year this split class will be offered.

<i>Special Course - Human Services</i>	<i>Spec Crs</i>	<i>(3)</i>	<i>TI</i>	<i>586, 590, 561</i>
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(3) Prior approval of special courses by the Division of Career and Technical Education is required.

Cooperative Education**T & I Work Based Learning**

<i>Supervision Periods (4)</i>	<i>WB Supv</i>	<i>5398</i>	<i>TI</i>	<i>104 or any Occupational Endorsement, excluding endorsement 577</i>
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(4) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

CTE -- Career and Technical Education Program Classification

Courses in **bold italic print within a double lined box** are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL**Abbreviation/Code****CTE****Endorsement/Employment Standards****Hospitality and Tourism**

<i>Foundations of Hospitality Industry</i>	<i>Fond Hosp In</i>	<i>5380</i>	<i>TI</i>	<i>562, 563, 564, 566</i>
<i>Culinary Arts I</i>	<i>Cul Arts I</i>	<i>5381</i>	<i>TI</i>	<i>562, 563, 564, 566 and Industry Certification</i>
<i>Culinary Arts II</i>	<i>Cul Arts II</i>	<i>5382</i>	<i>TI</i>	<i>562, 563, 564, 566 and Industry Certification</i>
<i>Culinary Arts III</i>	<i>Cul Arts III</i>	<i>5383</i>	<i>TI</i>	<i>562, 563, 564, 566 and Industry Certification</i>
<i>Culinary Arts II/III (1)</i>	<i>Cul Arts II/III</i>	<i>5384</i>	<i>TI</i>	<i>562, 563, 564, 566 and Industry Certification</i>
<i>(1) Use this code for classes where students in levels II and III are scheduled in the same class period.</i>				
<i>Special Course - Hospitality and Tourism</i>	<i>Spec Crs</i>	<i>(2)</i>	<i>TI</i>	<i>562, 563, 564, 566</i>
<i>Special Course - T and I</i>	<i>Spec Crs</i>	<i>(3)</i>	<i>TI</i>	<i>Any Occupational Endorsement, excluding endorsement 577</i>

(2)(3) Prior approval of special courses by the Division of Career and Technical Education is required.

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TI--TRADE AND INDUSTRIAL

Abbreviation/Code

CTE

Endorsement /Employment Standards

Jobs for Tennessee Graduates(1)

JTG

5371

TI

591, Any Career and Technical Endorsement

(1) Schools must be pre-approved by the Division of Career and Technical Education to offer this course.

CTE--Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

HS -- HEALTH SCIENCE EDUCATION**Abbreviation/Code****CTE****Endorsement/Employment Standards**

TEACHERS WHO RECEIVE THE 577 ENDORSEMENT MUST HOLD A MEDICAL LICENSE ISSUED BY TENNESSEE HEALTH RELATED BOARDS AND HAVE ATTENDED STATE APPROVED TRAINING.

Support Services	SS	5500	HS	577
Clinical Internship(1)	C I	5501	HS	577
(1) Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour work-based learning training and Clinical Internship Training or the state-approved course equivalent <u>and</u> 16 hours of biennial Clinical Internship Training.				
Rehabilitative Therapies	RT	5503	HS	577
Health Science Education	HS	5504	HS	577
Health Infomatics	HI	5505	HS	577
Medical Therapeutics	MT	5506	HS	577
Nursing Education (2)	NE	5507	HS	577
(2) Teachers who teach this course must be properly endorsed, and per federal guidelines, be a registered nurse and have worked in a long-term health care facility for a minimum of one year, if students are certified as nurses' aides. They must also have completed two days of biennial state approved Nursing Education training <u>and</u> 16 hours of biennial Clinical Internship Training <u>and</u> the state-approved 40 hour work-based learning training and internship or the state-approved course equivalent. This course requires prior approval by the Tennessee Department of Health. If students are not certified as a nurses' aides they may complete a clinical internship. The teachers who supervise this experience must hold proper endorsement, and have completed the state-approved 40-hour work-based learning training and Clinical Internship Training or the state-approved course equivalent and 16 hours of biennial Clinical Internship Training.				
<u>HQ Health Science Anatomy and Physiology(3)</u>	<u>Ant/Phys</u>	<u>5509</u>	<u>HS</u>	<u>577</u>
(3) This course may satisfy one of the science credits required for graduation.				
Health Science Anatomy and Physiology	Ant/Phys	5512	HS	577
Biomedical Application (4)	BA	5513	HS	577
(4) Teachers who teach this course must hold proper endorsement and completed the state-approved 16 hours of biennial training. This course may be offered for one Career and Technical credit.				
Forensic Science (5)	FS	5514	HS	577
(5) Teachers who teach this course must hold proper endorsement and completed the state-approved 16 hours of biennial training. This course may be offered for one Career and Technical credit.				
Emergency Medical Services	Em Md Serv	5510	HS	577
Diagnostic Medicine	Diag Med	5511	HS	577
Work Based Learning/Supervision Periods(5)	WB Supv	5598	HS	577
(5) The credit for Work Based Learning is awarded in the appropriate related Health Science course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.				
Special Course Health Science Education	Spec Crs	(6)	HS	577
(6) Prior approval of special courses by the Division of Career and Technical Education is required.				

CTE - Career and Technical Education Program Classification

Courses in **bold italic print within a double lined box** are Career and Technical Education funded course

FCS -- FAMILY AND CONSUMER SCIENCES EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

Adult Living	Adult Liv	5600	FCS	050, 450
Child Development	Child Dev	5601	FCS	050, 450
<u>HQ - Consumer Economics (1)</u>	Con Ec	5602	FCS	050, 450
<i>(1) Consumer Economics satisfies one-half credit in economics required for graduation</i>				
Consumer Economics	Cons Ec	5605	FCS	050, 450
Family & Consumer Sciences	Fam & Con Sc	5603	FCS	050, 450
Family and Parenting Education	Fam Par Ed	5606	FCS	050, 450
Housing & Interior Design	H & Int Des	5607	FCS	050, 450
Interpersonal Communications	Int CommI	5608	FCS	050, 450
Nutrition and Foods	Nutr Food	5609	FCS	050, 450
Textiles and Apparel	Tex & App	5612	FCS	050, 450
<u>HQ - Nutrition Science (2)</u>	Nutr Sci	5615	FCS	(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)
<i>(2) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course. This course satisfies either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher) required for graduation.</i>				
<u>Nutrition Science(3) (for Vocational credit)</u>	Nutr Sci	5617	FCS	(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)
<i>(3) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course.</i>				
<u>HQ - Nutrition Science(4)</u>	Nutr Sci	5616	FCS	050, 450
<i>(4) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor. This course satisfies either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher) required for graduation. The team teachers should be assigned to the same group of Nutrition Science students.</i>				

CTE - Career and Technical Education Program Classification

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FCS -- FAMILY AND CONSUMER SCIENCES EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

Nutrition Science(1) (for Career and Technical credit) **Nutr Sci 5618 FCS 050, 450**

(1) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor.

Career Connections **Car Con 5620 FCS 050, 450**

Teen Learning Center Director(2) **TLC Dir 5649 FCS 002, 050, 058, 403, 450, 451, 465, 497**

(2) Use of this code is for those individuals who direct a secondary Teen Learning Center that must be operated in conjunction with Teen Parenting and for Early Childhood Education Careers classes. No students should be assigned to this code.

Work Based Learning/Supervision Periods(3) **WB 5697 FCS 050, 450**

(3) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

Special Course--Fam & Con Sc **Spec Crs (4) FCS 050, 450**

(4) Prior approval of special courses by the Division of Career and Technical Education is required.

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FCSO -- FAMILY & CONSUMER SCIENCES OCCUPATIONAL EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

Early Childhood Education Careers I	Early Child I	5650	FCSO	(050 and 058), (050 and 451), (450 and 058), (450 and 451)
Early Childhood Education Careers II	Early Child II	5660	FCSO	(050 and 058), (050 and 451), (450 and 058), (450 and 451)
Early Childhood Education Careers III	Early Child III	5661	FCSO	(050 and 058), (050 and 451), (450 and 058), (450 and 451)
Early Childhood Education Careers II / III (1)	Early Child II/III	5662	FCSO	(050 and 058), (050 and 451), (450 and 058), (450 and 451)
<i>(1) Use this code for classes where student in levels II and III are scheduled in the same class period.</i>				
Foundations of the Hospitality Industry	Found Hosp Ind	5655	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
Culinary Arts I	Cul Arts I	5656	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
Culinary Arts II	Cul Arts II	5657	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
Culinary Arts III	Cul Arts III	5658	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
Culinary Arts II/III (2)	Cul Arts II/III	5659	FCSO	(050 and 060), (050 and 453), (450 and 060), (450 and 453)
<i>(2) Use this code for classes where students in levels II and III are scheduled in the same class period</i>				
Work Based Learning/Supervision Periods (3)	WB Supv	5698	FCSO	058, 059, 060, 061, 062, 451, 452, 453
<i>(3) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
Special Course -- Fam & Con Sc-Occ	Spec Crs	(4)	FCSO	058, 059, 060, 061, 062, 451, 452, 453
<i>(4) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

CTE -- Career and Technical Education Program Classification

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ME -- MARKETING EDUCATION	Abbreviation/Code		CTE	Endorsement/Employment Standards
<i>HQ - Marketing & Management I - Principles</i>	<i>Market 1</i>	<i>5000</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Marketing & Management I Principles</i>	<i>Market 1</i>	<i>5030</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Marketing & Management II - Advanced Strategies</i>	<i>Market 2</i>	<i>5001</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Travel & Tourism Operations</i>	<i>Travel</i>	<i>5003</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ - Services Marketing</i>	<i>Serv Mkting</i>	<i>5004</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Services-Marketing</i>	<i>Serv-Mkting</i>	<i>5034</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ - Entrepreneurship</i>	<i>Entrepre</i>	<i>5005</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Entrepreneurship</i>	<i>Entrepre</i>	<i>5035</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ - Financial Services Marketing</i>	<i>Finance</i>	<i>5006</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Financial Services Marketing</i>	<i>Finance</i>	<i>5036</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Technical Marketing</i>	<i>Tech Mkting</i>	<i>5011</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Exploration of Marketing & Management</i>	<i>Mkting</i>	<i>5014</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>HQ - International Business & Marketing</i>	<i>International</i>	<i>5015</i>	<i>ME</i>	<i>039, 052, 054, 056, 057, 201, 202, 204, 311, 430, 435, 436, 471, 472</i>
<i>International Business & Marketing</i>	<i>International</i>	<i>5045</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Advertising & Public Relations</i>	<i>Advertising</i>	<i>5016</i>	<i>ME</i>	<i>052, 471, 472</i>
<i>Marketing Research and Analysis</i>	<i>Market Inf</i>	<i>5017</i>	<i>ME</i>	<i>052, 471, 472</i>

CTE -- Career and Technical Education Program Classification

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ME -- MARKETING EDUCATION

	Abbreviation/Code		CTE	Endorsement/Employment Standards
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Sales Management	Sales Mgt	5018	ME	052, 471, 472
Organizational Leadership	Org Lead	5019	ME	052, 471, 472
<u>HQ</u> – Wholesale Logistics Operations	Wholesale	5020	ME	052, 471, 472
Wholesale Logistics Operations	Wholesale	5050	ME	052, 471, 472
<u>HQ</u> – Retail Operations	Retail	5022	ME	052, 471, 472
Retail Operations	Retail	5052	ME	052, 471, 472
Sports and Entertainment Marketing	Sports & Ent	5023	ME	052, 471, 472
Foundations of the Hospitality Industry	Fnd Hosp Ind	5025	ME	052, 471, 472
Lodging Operations/Hospitality Management	Hosp Manag	5026	ME	052, 471, 472

Virtual Enterprise International (1)

Vir Ent Int	5057	ME	052, 471, 472
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(1) This course is trademarked by the New York City Department of Education and has an associated fee. Prior approval must be obtained from the Marketing consultant as well as requisite training before offering this course. Course must be taught by Marketing teacher to count for the Marketing Concentration.

HQ Virtual Enterprise International (2)

Vir Ent Int	5062	ME	052, 471, 472
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(2) This course is trademarked by the New York City Department of Education and has an associated fee. Prior approval must be obtained from the Marketing consultant as well as requisite training before offering this course. Course must be taught by Marketing teacher to count for the Marketing Concentration.

Work Based Learning/Supervision Periods(3)

WB	5098	ME	052, 471, 472
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(3) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

Special Course – Marketing

Spec Crs	(4)	ME	052, 471, 472
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(4) Prior approval of special courses by the Division of Career and Technical Education is required.

NOTE: Codes 5062, 5000, 5004, 5005, 5006, 5015, 5020, and 5022 meets the criteria and standards to substitute for the economics ½ credit required for graduation for both the regular and honors diplomas.

CTE -- Career and Technical Education Program Classification

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ONLINE COURSES Grades 9-12

<u>LANGUAGE ARTS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Facilitator	OLFAC	*	Any Early Childhood, Elementary, Secondary (7-12), or Career and Technical Education endorsement, **
Online English I	OLA 1	*	007, 407, 001, **
Online English II	OLA 2	*	007, 407, **
Online English III	OLA 3	*	007, 407, **
Online English IV	OLA 4	*	007, 407, **
Online Foreign Language	OFL	*	007, 407, **
Online Screenwriting	OSW	*	007, 407, **
Online Advanced Placement English Language and Composition	OAP Lng Cmp	*	007, 407, **
Literature and Composition	OAP Lit Cmp	*	007, 407, **
Online Advanced Placement Spanish Language	OAP Span Lng	*	009, 409, 495, **
Online Advanced Placement Spanish Literature	OAP Span Lit	*	009, 409, 495, **
Online Spanish I	O Span 1	*	009, 409, 495, **
Online Spanish II	O Span 2	*	009, 409, 495, **
Online Advanced Placement Latin-Vergil	OAP Lat Ver	*	010, 410, 493, **
Online Advanced Placement Latin Literature	OAP Lat Lit	*	010, 410, 493, **
Online Advanced Placement French Language	OAP Fren Lng	*	011, 411, 491, **
Online Advanced Placement French Literature	OAP Fren Lit	*	011, 411, 491, **
Online Advanced Placement German Language	OAP Ger Lng	*	012, 412, 492, **

* e-Learning Course application must be approved annually.

**e-Learning Training Required

e-Learning Special Courses require Special Course approval prior to e-Learning course application approval

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FINE ARTS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Fine Arts	OFA *		027, 427, **
Online Advanced Placement Studio Art- General	OAP St Art-Gen *		027, 427, **
Online Advanced Placement Studio Art- Drawing Portfolio	OAP St Art-Drw *		027, 427, **
Online Advanced Placement History of Art	OAP Hist of Art *		027, 427, **
Online Advanced Placement Music Theory	OAP Mus Theo *		028, 029, 240, 241, 428, 429, **
Online Advanced Placement Studio Art 3D Design	OAP St Art 3D *		027, 427, **
Online Advanced Placement Studio Art 2D Design	OAP St Art 2D *		027, 427, **

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MATHEMATICS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Mathematics	OM *		013, 413, **
Online Advanced Placement Calculus AB	OAP Calc AB *		013, 413, **
Online Advanced Placement Calculus BC	OAP Calc BC *		013, 413, **
Online Advanced Placement Statistics	OAP Statis *		013, 413, **
Online Math Foundations I	OMF 1 *		013, 413, 001, **
Online Math Foundations II	OMF 2 *		013, 413, 001, **
Online Algebra I	O Alg 1 *		013, 413, 001, **
Online Algebra II	O Alg 2 *		013, 413, **
Online Geometry	OGeom *		013, 413, **
Online Pre-Calculus	OPCal *		013, 413, **

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COMPUTER TECHNOLOGY	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Computer Technology	OCT	*	A teacher of personal computing, computer productivity applications, and interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement, OR 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477, **
Online Advanced Placement Computer Science A	OAP Cmp Sc A	*	A teacher of personal computing, computer productivity applications, and interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement, OR 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477, **
Online Advanced Placement Computer Sc AB	OAP Cmp ScAB	*	A teacher of personal computing, computer productivity applications, and interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement, OR 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477, **
Online Computer Applications	OCA	*	A teacher of personal computing, computer productivity applications, and interactive multimedia shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement, OR 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477, **

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SCIENCE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Science	OLS *		016, 212, 416, **
Online Physical Science	OLPS *		016, 212, 416, **
Online Biology I	O Bio 1 *		015, 211, 415, **
Online Advanced Placement Biology	OAP Biol *		015, 211, 415, **
Online Chemistry	OChem *		016, 212, 416, **
Online Advanced Placement Chemistry	OAP Chem *		016, 212, 416, **
Online Advanced Placement Physics B	OAP Physics B *		017, 214, 414, 417, **
Online Advanced Placement Physics C	OAP Physics C *		017, 214, 414, 417, **
Online Advanced Placement Environmental Science	OAP Env Sc *		015, 016, 017, 081, 211, 212, 214, 414, 415, 416, 417, 418, **
Online Life Science Oceanography	OAP Oceano *		015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418, 001, **
Online Anatomy & Physiology	OAP *		015, 211, 415, **

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SOCIAL STUDIES	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Social Studies	OSS *		021, 022, 023, 024, 025, 080, 250, 421, 422, 423, 424, 425, 426, 471, **
Online World Geography	OWG *		022, 250, 422, 001, **
Online World History	OWH *		021, 250, 421, **
Online U.S. Government	OUSGov *		023, 250, 423, 001, **
Online Economics	OEcon *		024, 250, 424, 471, **
Online Advanced Placement U.S. History	OAP US Hist *		021, 022, 023, 024, 025, 080, 250, 421, 422, 423, 424, 425, 426, 471, **
Online Advanced Placement European History	OAP Eur Hist *		021, 250, 421, **
Online Advanced Placement Microeconomics	OAP Microec *		024, 250, 424, 471, **
Online Advanced Placement Macroeconomics	OAP Macroec *		024, 250, 424, 471, **
Online Advanced Placement Government and Politics-United States	OAPGov/PolUS *		023, 250, 423, **
Online Advanced Placement Government and Politics-Comparative	OAPGov/PolCm *		023, 250, 423, **
Online Advanced Placement Psychology	OAP Psych *		080, 250, 426, **
Online Global Studies	OAO Global *		021, 022, 250, 422, **

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HEALTH AND PHYSICAL EDUCATION	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Lifetime Wellness	OLW	*	019, 020, 072, 099, 220, 221, 419, 420, or (050 and 019), (050 and 072), (050 and 221), (050 and 420), (450 and 019), (450 and 072), (450 and 221), (450 and 420), (577 and 019), (577 and 072), (577 and 221), (577 and 420) , **

* e-Learning Course application must be approved annually.

**e-Learning Training Required

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CTE--Career and Technical Education Program Classification

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TRADE AND INDUSTRIAL	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Career Management for Success	OCMS *		Any Career and Technical Education Endorsement, **

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<u>SUBJECT</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Kindergarten-Montessori	KM	9110	Montessori Certified
Kindergarten-Grandfathered	KG	9120	SDE Grandfathered Status
DCS Transient Care-General Education/Special Education	TC-GenEd/SpEd	9130	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464, 498
DCS Transient Care-General Education	TC-GenEd	9140	Any early childhood, elementary, secondary, Career and Technical or K-12 Endorsement